

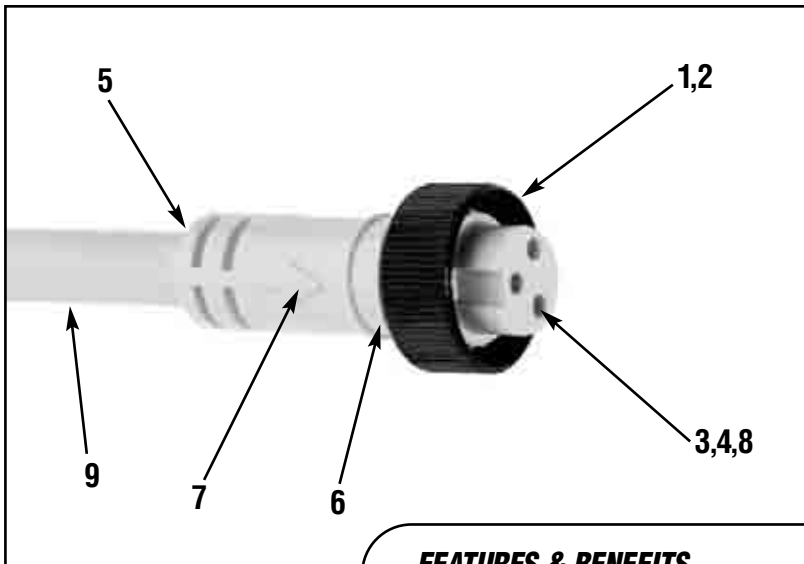
MINI-LINE CONNECTORS

2 THROUGH 12 CONTACTS

**“THE
TOUGH LINE
FOR TOUGH
JOBS”**

Crouse-Hinds Mini-Line connector, molded to heavy-duty ST00W and S00W cable, have been designed specifically for abusive applications in which the cable is exposed to constant flexing and/or dirty, oily, or harsh environments. They also have excellent resistance to welding flash, hot chips and other severe conditions found in demanding manufacturing settings.

The molded-to-cable construction becomes an integral part of the cable assembly, creating a bond that is impervious to penetration from external contaminants. Its one-piece connector head is made from material with the same physical properties as the cable jacket and provides far superior service.



FEATURES & BENEFITS

- 1 **Epoxy-coated coupler** that passes 1000-hour salt-spray test per MIL-STD-202F for exceptional corrosion resistance.
- 2 **Vibration-resistant ratchet coupler** design prevents loosening in severe, high-vibration applications.
- 3 **Superior female contact design** with stainless steel sleeve tested at 5,000 insertions with minimal retention degradation.
- 4 **Female contact plating** provides superior conductivity and corrosion resistance; 30 micro-inch gold over 50 micro-inch nickel plating.
- 5 **Connector-to-cable molded junction** securely bonds for excellent reliability.
- 6 **Internal contact support** maintains pin location both pin-to-pin and pin-to-face dimensions.
- 7 **Indicating arrow** for easy identification and proper keyway alignment.
- 8 **Shroud and cork** design exceeds IP-68 and NEMA 6P rating (Rated 1,200 PSI hose down spray).
- 9 **Easy stripping PVC jacketed cable** with “fillerless” design allows fast stripping with simple hand tools with high-flex “tinned” copper stranding for improved flexibility. Temperature rated at -40°C to 105°C on standard cable.
Cable options available for industrial applications with the following types:
 - **ST00W cable** with PVC jacket having oil resistant jacket and conductors
 - **S00W “thermoset” cable** with oil resistant jacket/conductors with higher resistance to automotive fluids
 - **SEOW “TPE” cable** with oil resistant jacket/conductors having elastomer jacket
 - **High-flex ROBOTIC cable** provides superior flexing in applications where combined continuous twisting and bending stresses occur.
- 10 Every unit is **100% electrically tested** using state of the art automated test equipment.

SPECIFICATIONS MINI-LINE STYLE I STOOW PLUGS (2-6 POLE)

- Male and Female Plugs
- 16 AWG Cable (except 6 pole #18)
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance: $\leq 5m\Omega$
Current Rating: See chart with part number detail
Voltage Rating: 600 VAC / 600 VDC
Dielectric Withstand Voltage: 2200 VAC

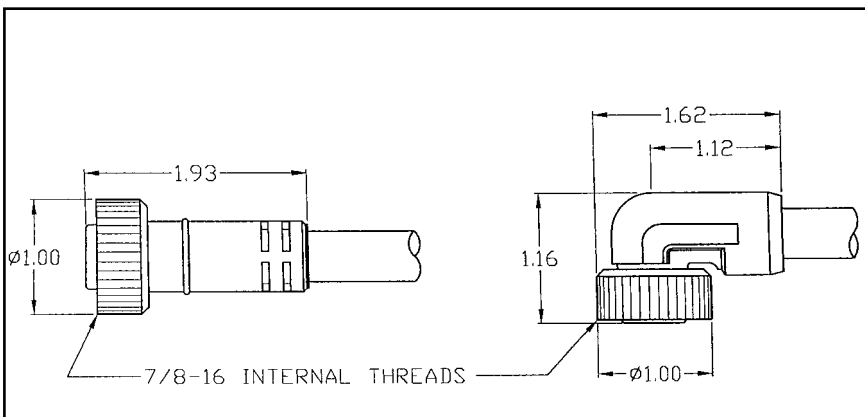
Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68
Temperature Range: -40°C to $+105^{\circ}\text{C}$
Corrosion Resistance: 1000 hr. salt spray per MIL-STD-202F
High Pressure Water Test: 1200 PSI spray

Material Data

Body: Yellow, 90A durometer, flame resistant PVC
Cable: Yellow, STOOW per UL62
Contacts: Machined Brass per ASTM B-16
Female Contact Plating: 30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Coupling Nut: Diecast Zamak 5 with black epoxy coat
Nylon 6/6 weather stabilized
303 Stainless Steel

DIMENSIONS



MINI-LINE STOOW FEMALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3	5000108-11
					6'	5000108-4	5000108-12
					12'	5000108-5	5000108-13
					15'	5000108-110	5000108-4036
					20'	5000108-61	5000108-4037
					25'	5000108-4035	5000108-4038
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3C	5000109-11C
					6'	5000109-4C	5000109-12C
					12'	5000109-5C	5000109-13C
					15'	5000109-42C	5000109-4109C
					20'	5000109-308C	5000109-20C
					25'	5000109-309C	5000109-277C
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3	5000110-11
					6'	5000110-4	5000110-12
					12'	5000110-5	5000110-13
					15'	5000110-38	5000110-4088
					20'	5000110-19	5000110-20
					25'	5000110-624	5000110-4073
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3C	5000111-11C
					6'	5000111-4C	5000111-12C
					12'	5000111-5C	5000111-13C
					15'	5000111-91C	5000111-4049C
					20'	5000111-19C	5000111-20C
					25'	5000111-4118C	5000111-4117C
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3	5000120-11
					6'	5000120-4	5000120-12
					12'	5000120-5	5000120-13
					15'	5000120-4052	5000120-4053
					20'	5000120-308	5000120-20
					25'	5000120-309	5000120-4021
30'	5000120-310	5000120-4022					

MINI-LINE STOOW MALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6	5000108-14
					6'	5000108-7	5000108-15
					12'	5000108-8	5000108-16
					15'	5000108-4040	5000108-4043
					20'	5000108-4041	5000108-4044
					25'	5000108-101	5000108-4045
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6C	5000109-14C
					6'	5000109-7C	5000109-15C
					12'	5000109-8C	5000109-16C
					15'	5000109-4204C	5000109-4205C
					20'	5000109-4039C	5000109-4112C
					25'	5000109-276C	5000109-4113C
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6	5000110-14
					6'	5000110-7	5000110-15
					12'	5000110-8	5000110-16
					15'	5000110-4012	5000110-4091
					20'	5000110-4024	5000110-4092
					25'	5000110-4090	5000110-4093
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6C	5000111-14C
					6'	5000111-7C	5000111-15C
					12'	5000111-8C	5000111-16C
					15'	5000111-4194C	5000111-4195C
					20'	5000111-4112C	5000111-4135C
					25'	5000111-4067C	5000111-4115C
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6	5000120-14
					6'	5000120-7	5000120-15
					12'	5000120-8	5000120-16
					15'	5000120-4040	5000120-4056
					20'	5000120-4054	5000120-4057
					25'	5000120-4055	5000120-4058
30'	5000120-4029	5000120-4059					

*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.



MINI-LINE STOOV FEMALE PLUG WITH NYLON COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3N	5000108-11N
					6'	5000108-4N	5000108-12N
					12'	5000108-5N	5000108-13N
					15'	5000108-110N	5000108-4036N
					20'	5000108-61N	5000108-4037N
					25'	5000108-4035N	5000108-4038N
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3CN	5000109-11CN
					6'	5000109-4CN	5000109-12CN
					12'	5000109-5CN	5000109-13CN
					15'	5000109-42CN	5000109-4109CN
					20'	5000109-308CN	5000109-20CN
					25'	5000109-309CN	5000109-277CN
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3N	5000110-11N
					6'	5000110-4N	5000110-12N
					12'	5000110-5N	5000110-13N
					15'	5000110-4027N	5000110-4088N
					20'	5000110-19N	5000110-20N
					25'	5000110-624N	5000110-4073N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3CN	5000111-11CN
					6'	5000111-4CN	5000111-12CN
					12'	5000111-5CN	5000111-13CN
					15'	5000111-4093CN	5000111-4049CN
					20'	5000111-19CN	5000111-20CN
					25'	5000111-4118CN	5000111-4117CN
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3N	5000120-11N
					6'	5000120-4N	5000120-12N
					12'	5000120-5N	5000120-13N
					15'	5000120-4052N	5000120-4053N
					20'	5000120-308N	5000120-20N
					25'	5000120-309N	5000120-4021N
30'	5000120-310N	5000120-4022N					

MINI-LINE STOOV MALE PLUG WITH NYLON COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6N	5000108-14N
					6'	5000108-7N	5000108-15N
					12'	5000108-8N	5000108-16N
					15'	5000108-4040N	5000108-4043N
					20'	5000108-4041N	5000108-4044N
					25'	5000108-101N	5000108-4045N
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6CN	5000109-14CN
					6'	5000109-7CN	5000109-15CN
					12'	5000109-8CN	5000109-16CN
					15'	5000109-4204CN	5000109-4205CN
					20'	5000109-4039CN	5000109-4112CN
					25'	5000109-276CN	5000109-4113CN
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6N	5000110-14N
					6'	5000110-7N	5000110-15N
					12'	5000110-8N	5000110-16N
					15'	5000110-4012N	5000110-4091N
					20'	5000110-4024N	5000110-4092N
					25'	5000110-4090N	5000110-4093N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6CN	5000111-14CN
					6'	5000111-7CN	5000111-15CN
					12'	5000111-8CN	5000111-16CN
					15'	5000111-4194CN	5000111-4195CN
					20'	5000111-4112CN	5000111-4135CN
					25'	5000111-4067CN	5000111-4115CN
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000111-4014CN	5000111-4196CN
					6'	5000120-6N	5000120-14N
					12'	5000120-7N	5000120-15N
					15'	5000120-8N	5000120-16N
					20'	5000120-4040N	5000120-4056N
					25'	5000120-4054N	5000120-4057N
30'	5000120-4055N	5000120-4058N					
30'	5000120-4029N	5000120-4059N					

*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.

MINI-LINE STOOW FEMALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3X	5000108-11X
					6'	5000108-4X	5000108-12X
					12'	5000108-5X	5000108-13X
					15'	5000108-110X	5000108-4036X
					20'	5000108-61X	5000108-4037X
					25'	5000108-4035X	5000108-4038X
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3CX	5000109-11CX
					6'	5000109-4CX	5000109-12CX
					12'	5000109-5CX	5000109-13CX
					15'	5000109-42CX	5000109-4109CX
					20'	5000109-308CX	5000109-20CX
					25'	5000109-309CX	5000109-277CX
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3X	5000110-11X
					6'	5000110-4X	5000110-12X
					12'	5000110-5X	5000110-13X
					15'	5000110-4027X	5000110-4088X
					20'	5000110-19X	5000110-20X
					25'	5000110-624X	5000110-4073X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3CX	5000111-11CX
					6'	5000111-4CX	5000111-12CX
					12'	5000111-5CX	5000111-13CX
					15'	5000111-4093CX	5000111-4049CX
					20'	5000111-19CX	5000111-20CX
					25'	5000111-4118CX	5000111-4117CX
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3X	5000120-11X
					6'	5000120-4X	5000120-12X
					12'	5000120-5X	5000120-13X
					15'	5000120-4052X	5000120-4053X
					20'	5000120-308X	5000120-20X
					25'	5000120-309X	5000120-4021X
30'	5000120-310X	5000120-4022X					

MINI-LINE STOOW MALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6X	5000108-14X
					6'	5000108-7X	5000108-15X
					12'	5000108-8X	5000108-16X
					15'	5000108-4040X	5000108-4043X
					20'	5000108-4041X	5000108-4044X
					25'	5000108-101X	5000108-4045X
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6CX	5000109-14CX
					6'	5000109-7CX	5000109-15CX
					12'	5000109-8CX	5000109-16CX
					15'	5000109-4204CX	5000109-4205CX
					20'	5000109-4039CX	5000109-4112CX
					25'	5000109-276CX	5000109-4113CX
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6X	5000110-14X
					6'	5000110-7X	5000110-15X
					12'	5000110-8X	5000110-16X
					15'	5000110-4012X	5000110-4091X
					20'	5000110-4024X	5000110-4092X
					25'	5000110-4090X	5000110-4093X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6CX	5000111-14CX
					6'	5000111-7CX	5000111-15CX
					12'	5000111-8CX	5000111-16CX
					15'	5000111-4194CX	5000111-4195CX
					20'	5000111-4112CX	5000111-4135CX
					25'	5000111-4067CX	5000111-4115CX
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6X	5000120-14X
					6'	5000120-7X	5000120-15X
					12'	5000120-8X	5000120-16X
					15'	5000120-4040X	5000120-4056X
					20'	5000120-4054X	5000120-4057X
					25'	5000120-4055X	5000120-4058X
30'	5000120-4029X	5000120-4059X					

*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.



SPECIFICATIONS MINI-LINE STYLE I STOOW MALE TO FEMALE EXTENSIONS (2-6 POLE)

- Male and Female Plugs
- 16 AWG Cable (except 6 pole #18)
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-40°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, STOOW per UL62

Contacts:

Machined Brass per ASTM B-16

Female Contact Plating:

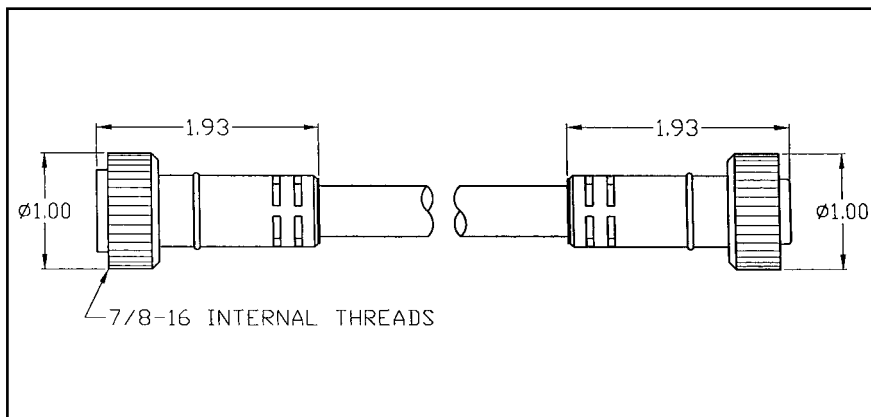
30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Coupling Nut:

Diecast Zamak 5 with black epoxy coat

Nylon 6/6 weather stabilized

DIMENSIONS



MINI-LINE STOOW MALE TO FEMALE EXTENSIONS

WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
2		1. White 2. Black	600V, 13A	16	3'	5000108-25
					6'	5000108-26
					12'	5000108-27
					15'	5000108-4048
					20'	5000108-4024
					25'	5000108-4027
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-25
					6'	5000109-26
					12'	5000109-27
					15'	5000109-265
					20'	5000109-312
					25'	5000109-313
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-25
					6'	5000110-26
					12'	5000110-27
					15'	5000110-4026
					20'	5000110-4008
					25'	5000110-4050
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-25
					6'	5000111-26
					12'	5000111-27
					15'	5000111-211
					20'	5000111-4023
					25'	5000111-4044
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-25
					6'	5000120-26
					12'	5000120-27
					15'	5000120-90
					20'	5000120-312
					25'	5000120-313
30'	5000120-314					

MINI-LINE STOOW MALE TO FEMALE EXTENSIONS WITH NYLON COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
2		1. White 2. Black	600V, 13A	16	3'	5000108-25N
					6'	5000108-26N
					12'	5000108-27N
					15'	5000108-4048N
					20'	5000108-4024N
					25'	5000108-4027N
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-25N
					6'	5000109-26N
					12'	5000109-27N
					15'	5000109-265N
					20'	5000109-312N
					25'	5000109-313N
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-25N
					6'	5000110-26N
					12'	5000110-27N
					15'	5000110-4026N
					20'	5000110-4008N
					25'	5000110-4050N
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-25N
					6'	5000111-26N
					12'	5000111-27N
					15'	5000111-211N
					20'	5000111-4023N
					25'	5000111-4044N
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-25N
					6'	5000120-26N
					12'	5000120-27N
					15'	5000120-90N
					20'	5000120-312N
					25'	5000120-313N
30'	5000120-314N					

*6 pole plugs use 18 gauge conductors for Style I

Note:
Special lengths available upon request — consult factory. Stainless steel coupling nut available — consult factory.



SPECIFICATIONS MINI-LINE STYLE I SOOW PLUGS (2-5 POLE)

- Male and Female Plugs
- 16 AWG Cable
- 600V 105°C SOOW Cable
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-50°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, SOOW

Contacts:

Machined Brass per ASTM B-16

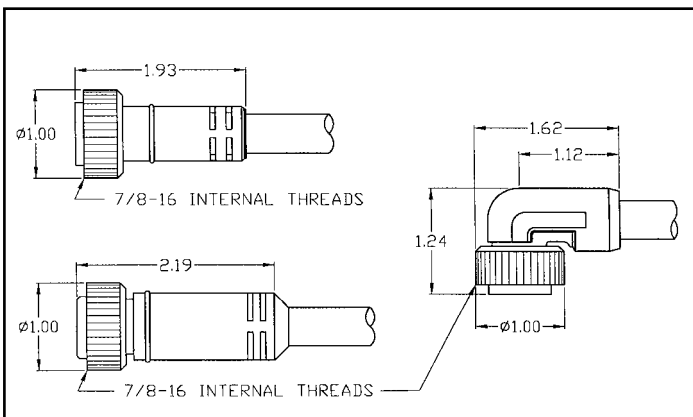
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Coupling Nut:

Diecast Zamak 5 with black epoxy coat

DIMENSIONS



MINI-LINE SOOW FEMALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3S	5000108-11S
					6'	5000108-4S	5000108-12S
					12'	5000108-5S	5000108-13S
					15'	5000108-110S	5000108-4036S
					20'	5000108-61S	5000108-4037S
					25'	5000108-4035S	5000108-4038S
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	30'	5000108-63S	5000108-4039S
					3'	5000109-3S	5000109-11S
					6'	5000109-4S	5000109-12S
					12'	5000109-5S	5000109-13S
					15'	5000109-42S	5000109-4109S
					20'	5000109-308S	5000109-20S
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	25'	5000109-309S	5000109-277S
					30'	5000109-310S	5000109-4203S
					3'	5000110-3S	5000110-11S
					6'	5000110-4S	5000110-12S
					12'	5000110-5S	5000110-13S
					15'	5000110-4027S	5000110-4088S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	20'	5000110-19S	5000110-20S
					25'	5000110-624S	5000110-4073S
					30'	5000110-310S	5000110-4089S
					3'	5000111-3S	5000111-11S
					6'	5000111-4S	5000111-12S
					12'	5000111-5S	5000111-13S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	15'	5000111-4093S	5000111-4049S
					20'	5000111-19S	5000111-20S
					25'	5000111-4118S	5000111-4117S
					30'	5000111-4015S	5000111-4111S

MINI-LINE SOOW MALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6S	5000108-14S
					6'	5000108-7S	5000108-15S
					12'	5000108-8S	5000108-16S
					15'	5000108-4040S	5000108-4043S
					20'	5000108-4041S	5000108-4044S
					25'	5000108-101S	5000108-4045S
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	30'	5000108-4042S	5000108-4046S
					3'	5000109-6S	5000109-14S
					6'	5000109-7S	5000109-15S
					12'	5000109-8S	5000109-16S
					15'	5000109-4204S	5000109-4205S
					20'	5000109-4039S	5000109-4112S
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	25'	5000109-276S	5000109-4113S
					30'	5000109-4010S	5000109-4114S
					3'	5000110-6S	5000110-14S
					6'	5000110-7S	5000110-15S
					12'	5000110-8S	5000110-16S
					15'	5000110-4012S	5000110-4091S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	20'	5000110-4024S	5000110-4092S
					25'	5000110-4090S	5000110-4093S
					30'	5000110-162S	5000110-4094S
					3'	5000111-6S	5000111-14S
					6'	5000111-7S	5000111-15S
					12'	5000111-8S	5000111-16S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	15'	5000111-4194S	5000111-4195S
					20'	5000111-4112S	5000111-4135S
					25'	5000111-4067S	5000111-4115S
					30'	5000111-4014S	5000111-4196S

Note: Special lengths available upon request — consult factory.
Nylon and stainless steel coupling nuts available — consult factory.

SPECIFICATIONS MINI-LINE STYLE I SOOW MALE TO FEMALE EXTENSIONS (2-5 POLE)

- 16 AWG Cable
- 600V 105°C SOOW Cable
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance: $\leq 5m\Omega$
Current Rating: See chart with part number detail
Voltage Rating: 600 VAC / 600 VDC
Dielectric Withstand Voltage: 2200 VAC

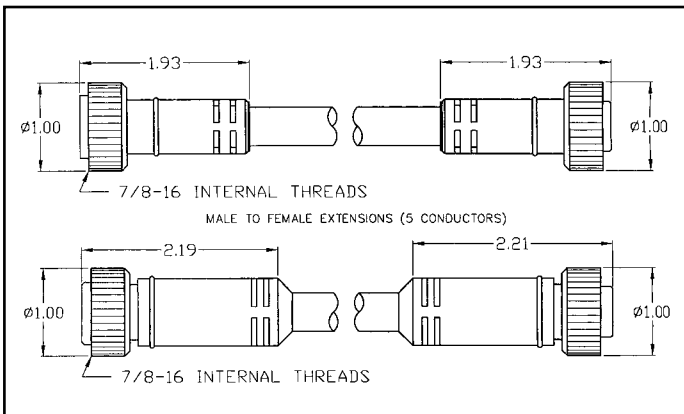
Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68
Temperature Range: -50°C to +105°C
Corrosion Resistance: 1000 hr. salt spray per MIL-STD-202F
High Pressure Water Test: 1200 PSI spray

Material Data





Body: Yellow, 90A durometer, flame resistant PVC
Cable: Yellow, SOOW
Contacts: Machined Brass per ASTM B-16
Female Contact Plating: 30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Coupling Nut: Diecast Zamak 5 with black epoxy coat

DIMENSIONS



MINI-LINE SOOW MALE TO FEMALE EXTENSIONS

WITH **EPOXY COATED ZINC DIECAST** COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
2		1. White 2. Black	600V, 13A	16	3'	5000108-25S
					6'	5000108-26S
					12'	5000108-27S
					15'	5000108-152S
					20'	5000108-4024S
					25'	5000108-4027S
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-25S
					6'	5000109-26S
					12'	5000109-27S
					15'	5000109-265S
					20'	5000109-312S
					25'	5000109-313S
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-25S
					6'	5000110-26S
					12'	5000110-27S
					15'	5000110-4026S
					20'	5000110-4008S
					25'	5000110-4050S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-25S
					6'	5000111-26S
					12'	5000111-27S
					15'	5000111-211S
					20'	5000111-4023S
					25'	5000111-4044S
					30'	5000111-4120S

Note: Special lengths available upon request — consult factory.

Nylon and stainless steel coupling nuts available — consult factory.

Right angle male and female plugs available — consult factory.

SPECIFICATIONS MINI-LINE STYLE I SEOW PLUGS (2-6 POLE)

- Male and Female Plugs
- 16 AWG Cable (except 6 pole #18)
- 600V 105°C SEOW Cable
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-30°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, SEOW per UL62

Contacts:

Machined Brass per ASTM B-16

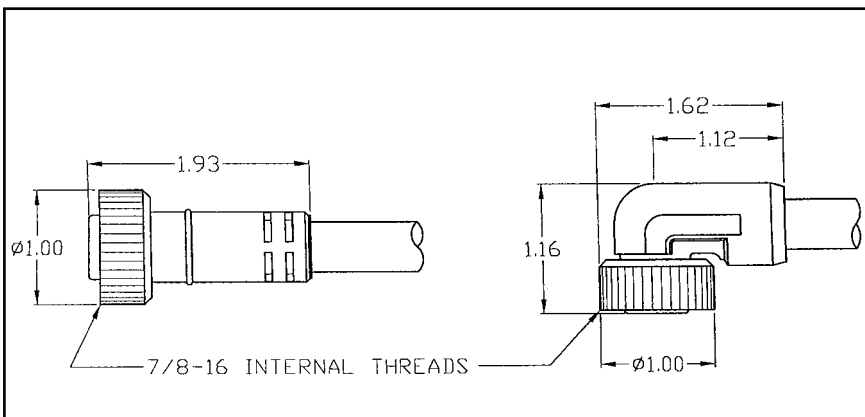
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel


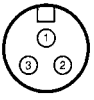

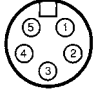

Coupling Nut:

Diecast Zamak 5 with black epoxy coat


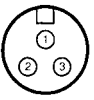

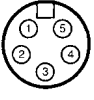

DIMENSIONS



MINI-LINE SEOW FEMALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3A	5000108-11A
					6'	5000108-4A	5000108-12A
					12'	5000108-5A	5000108-13A
					15'	5000108-110A	5000108-4036A
					20'	5000108-61A	5000108-4037A
					25'	5000108-4035A	5000108-4038A
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3A	5000109-11A
					6'	5000109-4A	5000109-12A
					12'	5000109-5A	5000109-13A
					15'	5000109-42A	5000109-4109A
					20'	5000109-308A	5000109-20A
					25'	5000109-309A	5000109-277A
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3A	5000110-11A
					6'	5000110-4A	5000110-12A
					12'	5000110-5A	5000110-13A
					15'	5000110-4027A	5000110-4088A
					20'	5000110-19A	5000110-20A
					25'	5000110-624A	5000110-4073A
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3A	5000111-11A
					6'	5000111-4A	5000111-12A
					12'	5000111-5A	5000111-13A
					15'	5000111-4093A	5000111-4049A
					20'	5000111-19A	5000111-20A
					25'	5000111-4118A	5000111-4117A
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3A	5000120-11A
					6'	5000120-4A	5000120-12A
					12'	5000120-5A	5000120-13A
					15'	5000120-4052A	5000120-4053A
					20'	5000120-308A	5000120-20A
					25'	5000120-309A	5000120-4021A
30'	5000120-310A	5000120-4022A					

MINI-LINE SEOW MALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6A	5000108-14A
					6'	5000108-7A	5000108-15A
					12'	5000108-8A	5000108-16A
					15'	5000108-4040A	5000108-4043A
					20'	5000108-4041A	5000108-4044A
					25'	5000108-101A	5000108-4045A
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6A	5000109-14A
					6'	5000109-7A	5000109-15A
					12'	5000109-8A	5000109-16A
					15'	5000109-4204A	5000109-4205A
					20'	5000109-4039A	5000109-4112A
					25'	5000109-276A	5000109-4113A
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6A	5000110-14A
					6'	5000110-7A	5000110-15A
					12'	5000110-8A	5000110-16A
					15'	5000110-4012A	5000110-4091A
					20'	5000110-4024A	5000110-4092A
					25'	5000110-4090A	5000110-4093A
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6A	5000111-14A
					6'	5000111-7A	5000111-15A
					12'	5000111-8A	5000111-16A
					15'	5000111-4194A	5000111-4195A
					20'	5000111-4112A	5000111-4135A
					25'	5000111-4067A	5000111-4115A
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6A	5000120-14A
					6'	5000120-7A	5000120-15A
					12'	5000120-8A	5000120-16A
					15'	5000120-4040A	5000120-4056A
					20'	5000120-4054A	5000120-4057A
					25'	5000120-4055A	5000120-4058A
30'	5000120-4029A	5000120-4059A					

*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.

Nylon and stainless steel coupling nuts available — consult factory.

COOPER Crouse-Hinds

Crouse-Hinds Molded Products • LaGrange, NC 28551 • Phone: (252) 566-3014 • Fax: (252) 566-9337

SPECIFICATIONS MINI-LINE STYLE I STOOW AUTOMOTIVE PLUGS (3 AND 5 POLE)

- Male and Female Plugs
- 16 AWG Automotive Color Code
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

≤ 5mΩ

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-40°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, STOOW per UL62

Contacts:

Machined Brass per ASTM B-16

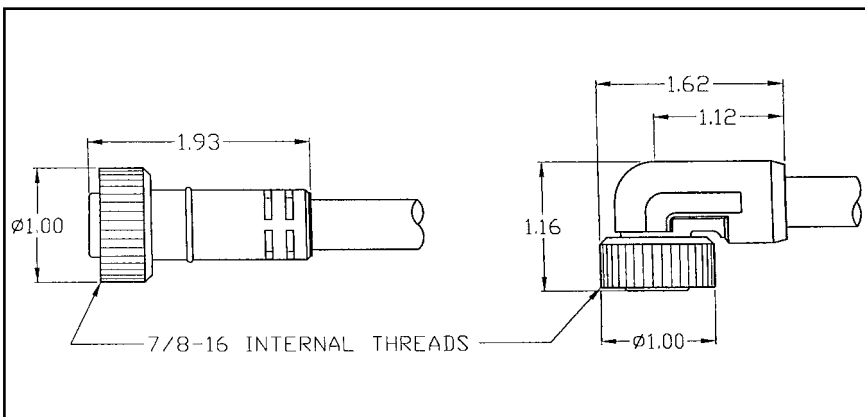
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel



Coupling Nut:

Diecast Zamak 5 with black epoxy coat



DIMENSIONS



MINI-LINE AUTOMOTIVE FEMALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-3	5000109-11
					6'	5000109-4	5000109-12
					12'	5000109-5	5000109-13
					15'	5000109-42	5000109-4109
					20'	5000109-308	5000109-20
					25'	5000109-309	5000109-277
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-3	5000111-11
					6'	5000111-4	5000111-12
					12'	5000111-5	5000111-13
					15'	5000111-4093	5000111-4049
					20'	5000111-19	5000111-20
					25'	5000111-4118	5000111-4117
				30'	5000111-4015	5000111-4111	

MINI-LINE AUTOMOTIVE MALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-6	5000109-14
					6'	5000109-7	5000109-15
					12'	5000109-8	5000109-16
					15'	5000109-4204	5000109-4205
					20'	5000109-4039	5000109-4112
					25'	5000109-276	5000109-4113
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-6	5000111-14
					6'	5000111-7	5000111-15
					12'	5000111-8	5000111-16
					15'	5000111-4194	5000111-4195
					20'	5000111-4112	5000111-4135
					25'	5000111-4067	5000111-4115
				30'	5000111-4014	5000111-4196	

Note: Special lengths available upon request — consult factory.
Nylon and stainless steel coupling nuts available — consult factory.

SPECIFICATIONS MINI-LINE STYLE I STOOW PLUGS WITH WIRE MESH GRIPS (2-6 POLE)

- Male and Female Plugs
- 16 AWG (except 6 pole #18)
- 600V 105°C STOOW Cable
- Straight Version
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-40°C to +105°C

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, STOOW per UL62

Contacts:

Machined Brass per ASTM B-16

Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

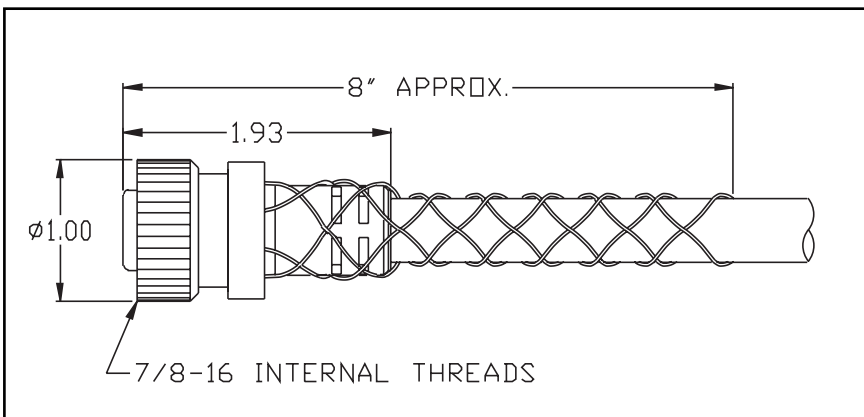
Coupling Nut:

Machined Aluminum with clear anodize finish






Wire Mesh:

Stainless Steel






DIMENSIONS



MINI-LINE STOOW FEMALE PLUG WITH WIRE MESH GRIP HARDWARE

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT
2		1. White 2. Black	600V, 13A	16	3'	5000108-3K
					6'	5000108-4K
					12'	5000108-5K
					15'	5000108-110K
					20'	5000108-61K
					25'	5000108-4035K
30'	5000108-63K					
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-3K
					6'	5000109-4K
					12'	5000109-5K
					15'	5000109-42K
					20'	5000109-308K
					25'	5000109-309K
30'	5000109-310K					
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3K
					6'	5000110-4K
					12'	5000110-5K
					15'	5000110-4027K
					20'	5000110-19K
					25'	5000110-624K
30'	5000110-310K					
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-3K
					6'	5000111-4K
					12'	5000111-5K
					15'	5000111-4093K
					20'	5000111-19K
					25'	5000111-4118K
30'	5000111-4015K					
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3K
					6'	5000120-4K
					12'	5000120-5K
					15'	5000120-4052K
					20'	5000120-308K
					25'	5000120-309K
30'	5000120-310K					

MINI-LINE STOOW MALE PLUG WITH WIRE MESH GRIP HARDWARE

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT
2		1. White 2. Black	600V, 13A	16	3'	5000108-6K
					6'	5000108-7K
					12'	5000108-8K
					15'	5000108-4040K
					20'	5000108-4041K
					25'	5000108-101K
30'	5000108-4042K					
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-6K
					6'	5000109-7K
					12'	5000109-8K
					15'	5000109-4204K
					20'	5000109-4039K
					25'	5000109-276K
30'	5000109-4010K					
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6K
					6'	5000110-7K
					12'	5000110-8K
					15'	5000110-4012K
					20'	5000110-4024K
					25'	5000110-4090K
30'	5000110-162K					
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-6K
					6'	5000111-7K
					12'	5000111-8K
					15'	5000111-4194K
					20'	5000111-4112K
					25'	5000111-4067K
30'	5000111-4014K					
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6K
					6'	5000120-7K
					12'	5000120-8K
					15'	5000120-4040K
					20'	5000120-4054K
					25'	5000120-4055K
30'	5000120-4029K					

*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.



SPECIFICATIONS MINI-LINE STYLE I NEON FEMALE PLUG (3 POLE)

- Neon Female Plug
- 18 AWG Automotive Color Code
- 120V 105°C
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- 360° Visibility Range



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-20°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

Material Data

Body:

Clear UV stabilized PVC

Cable:

Yellow, AWM UL style 2661

Contacts:

Brass per ASTM B-16

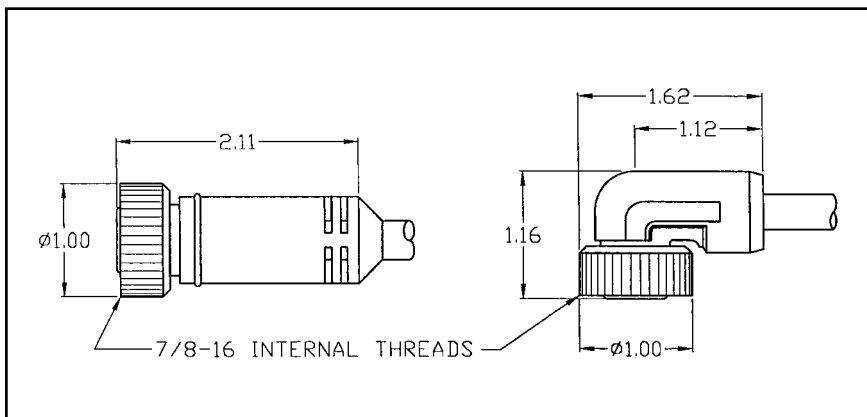
Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel


Coupling Nut:

Diecast Zamak 5 with black epoxy coat

DIMENSIONS

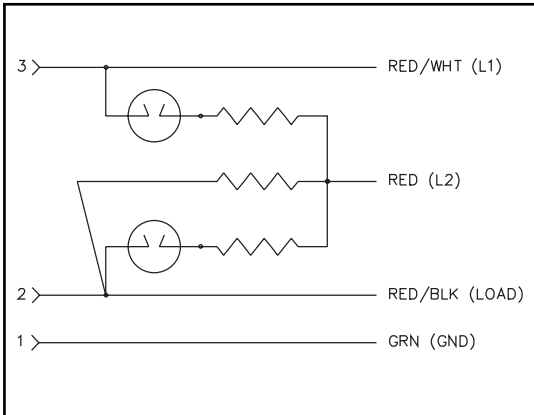


MINI-LINE™ STYLE I NEON FEMALE PLUG

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AMPS	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
3		1. Green 2. Red-Black 3. Red-White 4. Red-Power	120 VAC	6	6' 12' 20'	5000109-4L 5000109-5L 5000109-19L	5000109-12L 5000109-13L 5000109-20L

Note: Special lengths available upon request — consult factory.
Nylon and stainless steel coupling nuts available — consult factory.

WIRING DIAGRAM



SPECIFICATIONS MINI-LINE STYLE I RECEPTACLES (2-6 POLE)

- Male and Female Receptacles
- Standard Color Code
- 16 AWG Pigtail Leads
- 600V 105°C
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance:
Current Rating:

$\leq 5m\Omega$
See chart with part
number detail

Voltage Rating:
Dielectric Withstand Voltage:

600 VAC / 600 VDC
2200 VAC

Environmental Data

Protection:
Temperature Range:
High Pressure Water Test:

NEMA 1, 3, 4, 6P and 13; IEC IP 68
-30°C to +105°C
1200 PSI spray

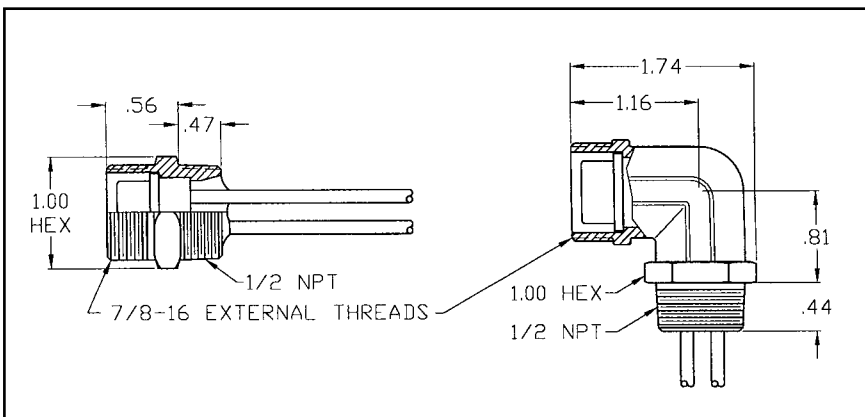
Material Data

Insert:
Pigtail leads:
Contacts:
Receptacle Shell:




Yellow, 90A durometer, flame resistant PVC
Color Coded type MTW or AWM style 1015/1230
Machined Brass per ASTM B-16
Diecast Zamak 5 Zinc plated with clear sealer
Nylon 6/6 weather stabilized
303 Stainless Steel (except right angle design)
Black rigid epoxy

Potting Compound:

DIMENSIONS



MINI-LINE FEMALE RECEPTACLE WITH ZINC DIECAST RECEPTACLE SHELL



POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	10"	5000108-9	5000108-17
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-9	5000109-17
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-9	5000110-17
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-9	5000111-17
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-9	5000120-17

MINI-LINE MALE RECEPTACLE WITH ZINC DIECAST RECEPTACLE SHELL


POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	10"	5000108-10	5000108-18
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-10	5000109-18
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-10	5000110-18
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-10	5000111-18
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-10	5000120-18

Note: Special lead lengths available upon request — consult factory.

MINI-LINE FEMALE RECEPTACLE WITH *NYLON* RECEPTACLE SHELL






POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	10"	5000108-9N	5000108-17N
3		1. Green 2. White 3. Black	600V, 13A	16	10"	5000109-9N	5000109-17N
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-9N	5000110-17N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-9N	5000111-17N
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-9N	5000120-17N

MINI-LINE MALE RECEPTACLE WITH *NYLON* RECEPTACLE SHELL






POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	10"	5000108-10N	5000108-18N
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-10N	5000109-18N
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-10N	5000110-18N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-10N	5000111-18N
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-10N	5000120-18N

Note: Special lead lengths available upon request — consult factory.

MINI-LINE FEMALE RECEPTACLE WITH STAINLESS STEEL RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT
2		1. White 2. Black	600V, 13A	16	10"	5000108-9X
3		1. Green 2. White 3. Black	600V, 13A	16	10"	5000109-9X
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-9X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-9X
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-9X

MINI-LINE MALE RECEPTACLE WITH STAINLESS STEEL RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT
2		1. White 2. Black	600V, 13A	16	10"	5000108-10X
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-10X
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-10X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-10X
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-10X

Note: Special lead lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE I AUTOMOTIVE RECEPTACLES (3 AND 5 POLE)

- Male and Female Receptacles
- Automotive Color Code
- 16 AWG Pigtail Leads
- 600V 105°C
- Straight and Right Angle Versions
- Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance:
Current Rating:

$\leq 5m\Omega$
See chart with part
number detail

Voltage Rating:
Dielectric Withstand Voltage:

600 VAC / 600 VDC
2200 VAC

Environmental Data

Protection:
Temperature Range:
High Pressure Water Test:

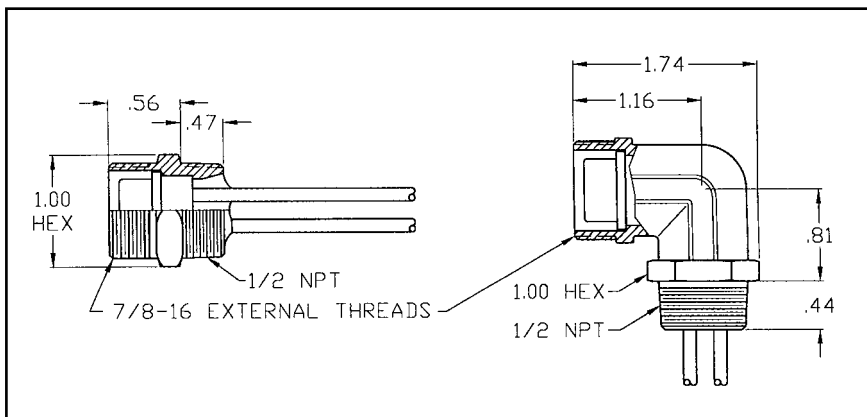
NEMA 1, 3, 4, 6P and 13; IEC IP 68
-30°C to +105°C
1200 PSI spray

Material Data



Insert:
Pigtail leads:
Contacts:
Receptacle Shell:
Potting Compound:

Yellow, 90A durometer, flame resistant PVC
Color Coded type MTW or AWM style 1015/1230
Machined Brass per ASTM B-16
Diecast Zamak 5 Zinc plated with clear sealer
Black rigid epoxy



DIMENSIONS



MINI-LINE AUTOMOTIVE FEMALE RECEPTACLE WITH ZINC DIECAST RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	10"	5000109-34	5000109-485
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	10"	5000111-426	5000111-425

MINI-LINE AUTOMOTIVE MALE RECEPTACLE WITH ZINC DIECAST RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT	RIGHT ANGLE
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	10"	5000109-33	5000109-800
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	10"	5000111-33	5000111-800

Note: Special lead lengths available upon request — consult factory.
Nylon and stainless steel receptacle shell available except right angle stainless design — consult factory.

SPECIFICATIONS MINI-LINE STYLE I PANEL MOUNT RECEPTACLES (2-6 POLE)

- Male and Female Panel Mount Receptacles
- Standard Color Code
- 16 AWG Pigtail Leads
- 600V 105°C
- Flange Mount and 1/2"-14 NPT Versions
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance:
Current Rating:

≤ 5mΩ
See chart with part number detail

Voltage Rating:
Dielectric Withstand Voltage:

600 VAC / 600 VDC
2200 VAC

Environmental Data

Protection:
Temperature Range:
High Pressure Water Test:

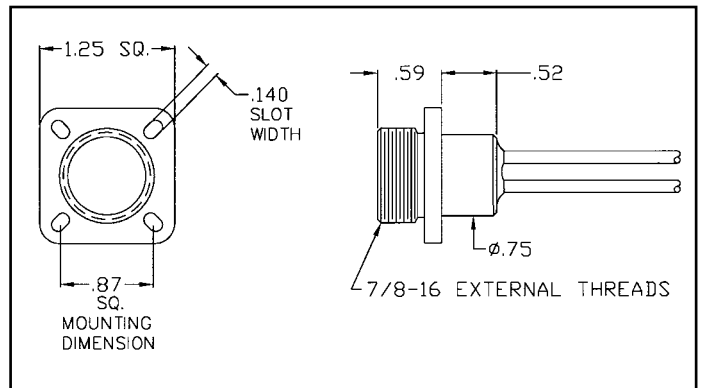
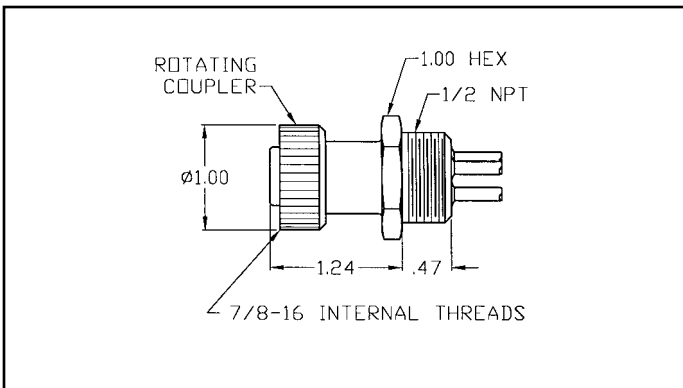
NEMA 1, 3, 4, 6P and 13; IEC IP 68
-30°C to +105°C
1200 PSI spray

Material Data




Insert:
Pigtail leads:
Contacts:
Receptacle Shell:
Potting Compound:

Yellow, 90A durometer, flame resistant PVC
Color Coded type MTW or AWM style 1015/1230
Machined Brass per ASTM B-16
Machined Aluminum with anodize finish and clear sealant
Black rigid epoxy






DIMENSIONS



MINI-LINE FEMALE PANEL MOUNT RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	FLANGE MOUNT	1/2" - 14NPT
2		1. White 2. Black	600V, 13A	16	10"	5000108-28	5000108-30
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-28	5000109-30
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-28	5000110-30
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	10"	5000111-28	5000111-30
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-28	

MINI-LINE MALE PANEL MOUNT RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	FLANGE MOUNT
2		1. White 2. Black	600V, 13A	16	10"	5000108-2
3		1. Green 2. Black 3. White	600V, 13A	16	10"	5000109-2
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	10"	5000110-2
5		1. White 2. Green 3. Orange 4. Red 5. Black	600V, 8A	16	10"	5000111-2
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	10"	5000120-2

Note: Special lead lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE I FEMALE LIQUIDTIGHT PLUG (2-6 POLE)

- Female LiquidTight Plugs
- Standard Color Code
- 16 AWG Pigtail Leads
- Fits 1/2" Conduit
- 600V 105°C
- Straight Version
- Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with
part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-30°C to +105°C

Material Data

Insert:

Yellow, 90A durometer, flame resistant PVC

Pigtail leads:

Color Coded type MTW or AWM style 1015/1230

Contacts:

Machined Brass per ASTM B-16

Fitting:

Zinc plated steel

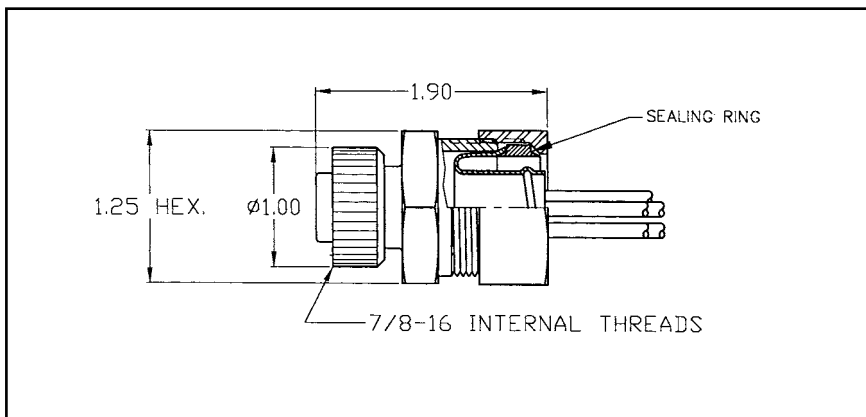
Coupling Nut:

Diecast Zamak 5 Zinc plated with clear sealer






Potting Compound:

Black rigid epoxy

DIMENSIONS



MINI-LINE FEMALE LIQUIDTIGHT PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	STRAIGHT
2		1. White 2. Black	600V, 13A	16	6'	5000108-165
3		1. Green 2. Black 3. White	600V, 13A	16	6'	5000109-165
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	6'	5000110-165
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	6'	5000111-165
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	16	6'	5000120-165

Note: Special lead lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE I TAPPING TEE (2-5 POLE)

- Male-Female-Female Configuration
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with
part number detail

Voltage Rating:

300 VAC

Dielectric Withstand Voltage:

1600 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-30°C to +105°C

High Pressure Water Test:

1200 PSI spray

Material Data

Body Material:

Santoprene™, black

Insert:

Santoprene, black

Contacts:

Brass per ASTM B16

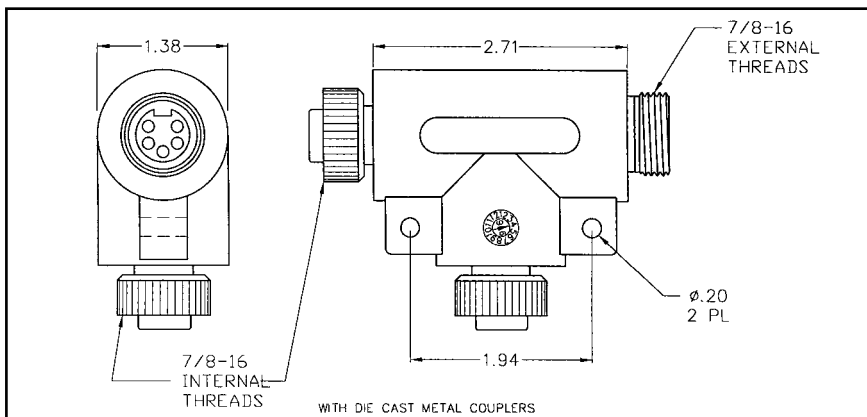
Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Coupling Nut:

Diecast Zamak 5 with black epoxy coat

DIMENSIONS



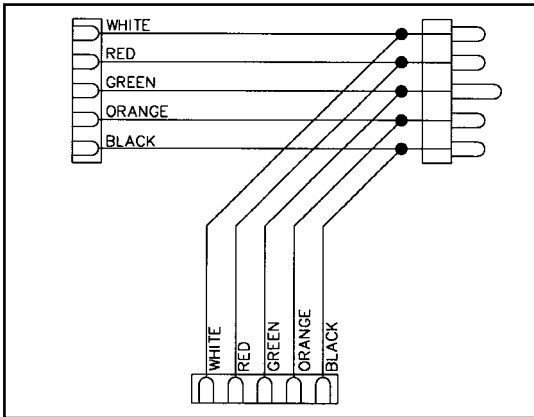
Santoprene is a tradename of
Advanced Elastomer Systems.

MINI-LINE STYLE I TAPPING TEE

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	PART NUMBER
2		1. White 2. Black	300V, 13A	16	5000108-362
3		1. Green 2. Black 3. White	300V, 13A	16	5000109-362
4		1. Black 2. White 3. Red 4. Green	300V, 10A	16	5000110-362
5		1. White 2. Red 3. Green 4. Orange 5. Black	300V, 8A	16	5000111-362

Note: Stainless steel coupling nut available — consult factory.

WIRING DIAGRAM



SPECIFICATIONS MINI-LINE RIGHT ANGLE ADAPTER (2-5 POLE)

- Right Angle Adapter
- Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance:
Current Rating:

$\leq 5m\Omega$
See chart with part
number detail

Voltage Rating:
Dielectric Withstand Voltage:

600 VAC / 600 VDC
2200 VAC

Environmental Data

Protection:
Temperature Range:
High Pressure Water Test:

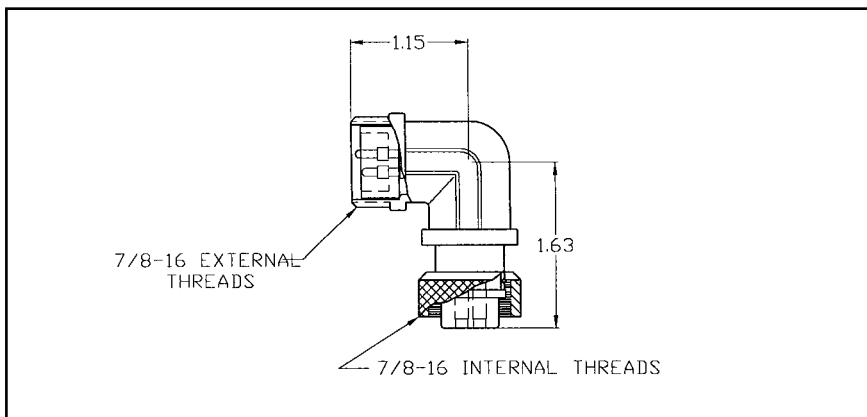
NEMA 1, 3, 4, 6P and 13; IEC IP 68
-40°C to +105°C
1200 PSI spray

Material Data





Insert:
Contacts:
Coupling Nut:
Receptacle Shell:
Potting Compound:

Yellow, 90A durometer, flame resistant PVC
Machined Brass per ASTM B-16
Machined Aluminum with clear anodize finish
Diecast Zamak 5 Zinc plated with clear sealer
Black rigid epoxy

DIMENSIONS



MINI-LINE RIGHT ANGLE ADAPTER WITH ZINC DIECAST RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	PART NUMBER
2		1. White 2. Black	600V, 13A	16	5000108-436
3		1. Green 2. Black 3. White	600V, 13A	16	5000109-436
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	5000110-436
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	5000111-436

SPECIFICATIONS MINI-LINE STYLE II STOOW PLUGS (6-8 POLE)

- Male and Female Plugs
- 16 AWG Standard Color Code
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance: $\leq 5m\Omega$
Current Rating: See chart with part number detail
Voltage Rating: 600 VAC / 600 VDC
Dielectric Withstand Voltage: 2200 VAC

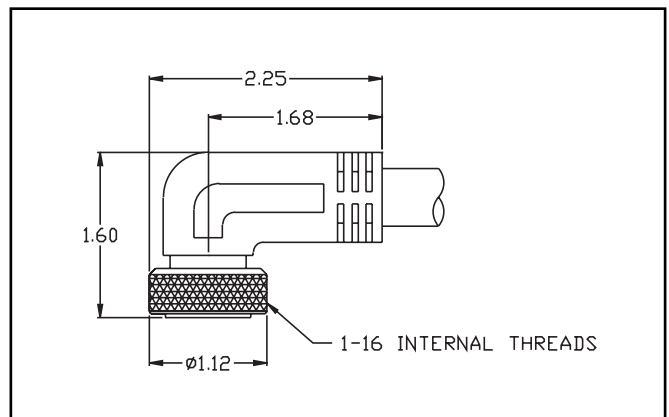
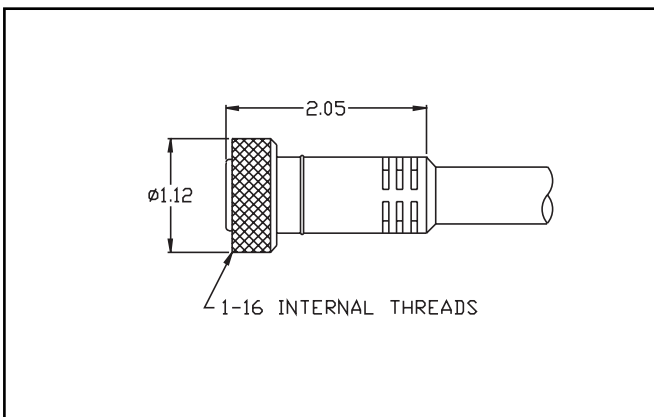
Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68
Temperature Range: -40°C to +105°C




Material Data

Body: Yellow, 82A durometer, flame resistant PVC
Cable: Yellow, STOOW per UL62
Contacts: Machined Brass per ASTM B-16
Female Contact Plating: 30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Coupling Nut: Machined Aluminum with anodize finish and clear sealant
Nylon 6/6 weather stabilized
303 Stainless Steel




DIMENSIONS



MINI-LINE STOOW FEMALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-3	X8987-145
		2. Blue			6'	X8987-4	X8987-146
		3. Black			12'	X8987-5	X8987-147
		4. White			15'	X8987-4036	X8987-148
		5. Red			20'	X8987-4005	X8987-149
		6. Green			25'	X8987-4037	X8987-150
7		1. White-Black	600V, 7A	16	3'	X8988-3	X8988-145
		2. Black			6'	X8988-4	X8988-146
		3. White			12'	X8988-5	X8988-147
		4. Red			15'	X8988-4040	X8988-148
		5. Orange			20'	X8988-69	X8988-149
		6. Blue			25'	X8988-70	X8988-150
8		1. Orange	600V, 7A	16	3'	X8989-3	X8989-166
		2. Blue			6'	X8989-4	X8989-167
		3. White-Black			12'	X8989-5	X8989-168
		4. Black			15'	X8989-4069	X8989-169
		5. White			20'	X8989-69	X8989-170
		6. Red			25'	X8989-70	X8989-171
		7. Green		30'	X8989-71	X8989-172	
		8. Red-Black					

MINI-LINE STOOW MALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-6	X8987-152
		2. Blue			6'	X8987-7	X8987-153
		3. Black			12'	X8987-8	X8987-154
		4. White			15'	X8987-4039	X8987-155
		5. Red			20'	X8987-56	X8987-156
		6. Green			25'	X8987-58	X8987-157
7		1. White-Black	600V, 7A	16	3'	X8987-89	X8987-158
		2. Black			6'	X8988-6	X8988-152
		3. White			12'	X8988-7	X8988-153
		4. Red			15'	X8988-8	X8988-154
		5. Orange			20'	X8988-4041	X8988-155
		6. Blue			25'	X8988-4003	X8988-156
8		7. Green	600V, 7A	16	30'	X8988-20	X8988-157
		1. Orange			3'	X8988-4042	X8988-158
		2. Blue			6'	X8989-6	X8989-173
		3. White-Black			12'	X8989-7	X8989-174
		4. Black			15'	X8989-8	X8989-175
		5. White			20'	X8989-4070	X8989-176
6. Red	25'	X8989-56	X8989-177				
		7. Green		30'	X8989-15	X8989-178	
		8. Red-Black				X8989-57	X8989-179

Note: Special lengths available upon request — consult factory.

MINI-LINE STOOV FEMALE PLUG WITH NYLON COUPLING NUT




POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-3N	X8987-145N
		2. Blue			6'	X8987-4N	X8987-146N
		3. Black			12'	X8987-5N	X8987-147N
		4. White			15'	X8987-4036N	X8987-148N
		5. Red			20'	X8987-4005N	X8987-149N
		6. Green			25'	X8987-4037N	X8987-150N
7		1. White-Black	600V, 7A	16	3'	X8988-3N	X8988-145N
		2. Black			6'	X8988-4N	X8988-146N
		3. White			12'	X8988-5N	X8988-147N
		4. Red			15'	X8988-4040N	X8988-148N
		5. Orange			20'	X8988-69N	X8988-149N
		6. Blue			25'	X8988-70N	X8988-150N
8		1. Orange	600V, 7A	16	3'	X8989-3N	X8989-166N
		2. Blue			6'	X8989-4N	X8989-167N
		3. White-Black			12'	X8989-5N	X8989-168N
		4. Black			15'	X8989-4069N	X8989-169N
		5. White			20'	X8989-69N	X8989-170N
		6. Red			25'	X8989-70N	X8989-171N
		7. Green	30'	X8989-71N	X8989-172N		
		8. Red-Black					

MINI-LINE STOOV MALE PLUG WITH NYLON COUPLING NUT




POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-6N	X8987-152N
		2. Blue			6'	X8987-7N	X8987-153N
		3. Black			12'	X8987-8N	X8987-154N
		4. White			15'	X8987-4039N	X8987-155N
		5. Red			20'	X8987-56N	X8987-156N
		6. Green			25'	X8987-58N	X8987-157N
7		1. White-Black	600V, 7A	16	3'	X8988-6N	X8988-152N
		2. Black			6'	X8988-7N	X8988-153N
		3. White			12'	X8988-8N	X8988-154N
		4. Red			15'	X8988-4041N	X8988-155N
		5. Orange			20'	X8988-4003N	X8988-156N
		6. Blue			25'	X8988-20N	X8988-157N
8		1. Orange	600V, 7A	16	3'	X8989-6N	X8989-173N
		2. Blue			6'	X8989-7N	X8989-174N
		3. White-Black			12'	X8989-8N	X8989-175N
		4. Black			15'	X8989-4070N	X8989-176N
		5. White			20'	X8989-56N	X8989-177N
		6. Red			25'	X8989-15N	X8989-178N
		7. Green	30'	X8989-57N	X8989-179N		
		8. Red-Black					

Note: Special lengths available upon request — consult factory.

MINI-LINE STOOW FEMALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-3X	X8987-145X
		2. Blue			6'	X8987-4X	X8987-146X
		3. Black			12'	X8987-5X	X8987-147X
		4. White			15'	X8987-4036X	X8987-148X
		5. Red			20'	X8987-4005X	X8987-149X
		6. Green			25'	X8987-4037X	X8987-150X
7		1. White-Black	600V, 7A	16	3'	X8988-3X	X8988-145X
		2. Black			6'	X8988-4X	X8988-146X
		3. White			12'	X8988-5X	X8988-147X
		4. Red			15'	X8988-4040X	X8988-148X
		5. Orange			20'	X8988-69X	X8988-149X
		6. Blue			25'	X8988-70X	X8988-150X
8		1. Orange	600V, 7A	16	3'	X8989-3X	X8989-166X
		2. Blue			6'	X8989-4X	X8989-167X
		3. White-Black			12'	X8989-5X	X8989-168X
		4. Black			15'	X8989-4069X	X8989-169X
		5. White			20'	X8989-69X	X8989-170X
		6. Red			25'	X8989-70X	X8989-171X
		7. Green		30'	X8989-71X	X8989-172X	
		8. Red-Black					

MINI-LINE STOOW MALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-6X	X8987-152X
		2. Blue			6'	X8987-7X	X8987-153X
		3. Black			12'	X8987-8X	X8987-154X
		4. White			15'	X8987-4039X	X8987-155X
		5. Red			20'	X8987-56X	X8987-156X
		6. Green			25'	X8987-58X	X8987-157X
7		1. White-Black	600V, 7A	16	3'	X8988-6X	X8988-152X
		2. Black			6'	X8988-7X	X8988-153X
		3. White			12'	X8988-8X	X8988-154X
		4. Red			15'	X8988-4041X	X8988-155X
		5. Orange			20'	X8988-4003X	X8988-156X
		6. Blue			25'	X8988-20X	X8988-157X
8		1. Orange	600V, 7A	16	3'	X8989-6X	X8989-173X
		2. Blue			6'	X8989-7X	X8989-174X
		3. White-Black			12'	X8989-8X	X8989-175X
		4. Black			15'	X8989-4070X	X8989-176X
		5. White			20'	X8989-56X	X8989-177X
		6. Red			25'	X8989-15X	X8989-178X
		7. Green		30'	X8989-57X	X8989-179X	
		8. Red-Black					

Note: Special lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE II STOOW MALE TO FEMALE EXTENSIONS (6-8 POLE)

- 16 AWG Standard Color Code
- 600V 105°C STOOW Cable
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

CSA Certification:

File #E 169897

File #LR 13963

Electrical Data

Contact Resistance:

Current Rating:

Voltage Rating:

Dielectric Withstand Voltage:

≤ 5mΩ

See chart with part number detail

600 VAC / 600 VDC

2200 VAC

Environmental Data

Protection:

Temperature Range:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

-40°C to +105°C

Material Data

Body:

Cable:

Contacts:

Female Contact Plating:

Coupling Nut:

Yellow, 82A durometer, flame resistant PVC

Yellow, STOOW per UL62

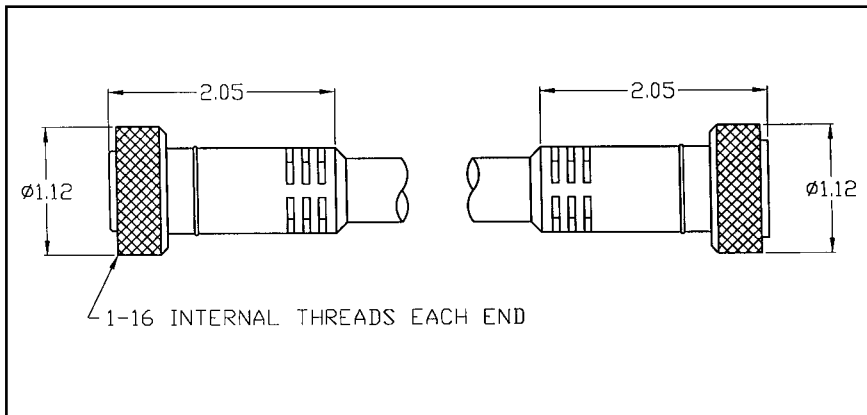
Machined Brass per ASTM B-16

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Machined Aluminum with anodize finish and clear sealant




Nylon 6/6 weather stabilized

DIMENSIONS






MINI-LINE STOOW MALE TO FEMALE EXTENSIONS

WITH **MACHINED ALUMINUM** COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	3'	X8987-33
					6'	X8987-34
					12'	X8987-35
					15'	X8987-4040
					20'	X8987-4006
					25'	X8987-4041
30'	X8987-4042					
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	3'	X8988-33
					6'	X8988-34
					12'	X8988-35
					15'	X8988-4043
					20'	X8988-73
					25'	X8988-74
					30'	X8988-75
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	3'	X8989-33
					6'	X8989-34
					12'	X8989-35
					15'	X8989-4071
					20'	X8989-73
					25'	X8989-74
					30'	X8989-75

MINI-LINE STOOW MALE TO FEMALE EXTENSIONS WITH **NYLON** COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	3'	X8987-33N
					6'	X8987-34N
					12'	X8987-35N
					15'	X8987-4040N
					20'	X8987-4006N
					25'	X8987-4041N
30'	X8987-4042N					
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	3'	X8988-33N
					6'	X8988-34N
					12'	X8988-35N
					15'	X8988-4043N
					20'	X8988-73N
					25'	X8988-74N
					30'	X8988-75N
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	3'	X8989-33N
					6'	X8989-34N
					12'	X8989-35N
					15'	X8989-4071N
					20'	X8989-73N
					25'	X8989-74N
					30'	X8989-75N

Note: Special lengths available upon request — consult factory.

Stainless steel coupling nut available — consult factory.

Right angle male and female plugs available — consult factory.

SPECIFICATIONS MINI-LINE STYLE II SOOW PLUGS (6-8 POLE)

- Male and Female Plugs
- 16 AWG Standard Color Code
- 600V 105°C SOOW Cable
- Straight and Right Angle Versions
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-50°C to +105°C

Material Data

Body:

Yellow, 82A durometer, flame resistant PVC

Cable:

Yellow, SOOW

Contacts:

Machined Brass per ASTM B-16

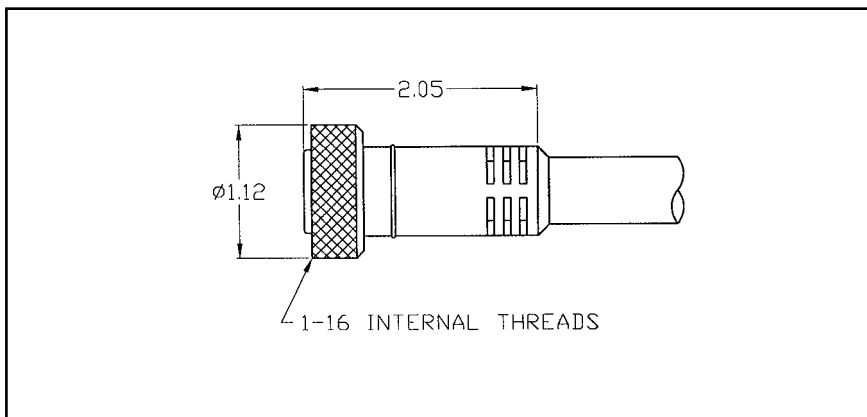
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel




Coupling Nut:

Machined Aluminum with anodize finish and clear sealant




DIMENSIONS



MINI-LINE SOOW FEMALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-3S	X8987-145S
		2. Blue			6'	X8987-4S	X8987-146S
		3. Black			12'	X8987-5S	X8987-147S
		4. White			15'	X8987-4036S	X8987-148S
		5. Red			20'	X8987-4005S	X8987-149S
		6. Green			25'	X8987-4037S	X8987-150S
7		1. White-Black	600V, 7A	16	30'	X8987-4038S	X8987-151S
		2. Black			3'	X8988-3S	X8988-145S
		3. White			6'	X8988-4S	X8988-146S
		4. Red			12'	X8988-5S	X8988-147S
		5. Orange			15'	X8988-4040S	X8988-148S
		6. Blue			20'	X8988-69S	X8988-149S
		7. Green			25'	X8988-70S	X8988-150S
8		30'	X8988-71S	X8988-151S			
		1. Orange	600V, 7A	16	3'	X8989-3S	X8989-166S
		2. Blue			6'	X8989-4S	X8989-167S
		3. White-Black			12'	X8989-5S	X8989-168S
		4. Black			15'	X8989-4069S	X8989-169S
		5. White			20'	X8989-69S	X8989-170S
		6. Red			25'	X8989-70S	X8989-171S
		7. Green			30'	X8989-71S	X8989-172S
8. Red-Black							

MINI-LINE SOOW MALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
6		1. Orange	600V, 8A	16	3'	X8987-6S	X8987-152S
		2. Blue			6'	X8987-7S	X8987-153S
		3. Black			12'	X8987-8S	X8987-154S
		4. White			15'	X8987-4039S	X8987-155S
		5. Red			20'	X8987-56S	X8987-156S
		6. Green			25'	X8987-58S	X8987-157S
7		30'	X8987-89S	X8987-158S			
		1. White-Black	600V, 7A	16	3'	X8988-6S	X8988-152S
		2. Black			6'	X8988-7S	X8988-153S
		3. White			12'	X8988-8S	X8988-154S
		4. Red			15'	X8988-4041S	X8988-155S
		5. Orange			20'	X8988-4003S	X8988-156S
		6. Blue			25'	X8988-20S	X8988-157S
7. Green	30'	X8988-4042S			X8988-158S		
8		1. Orange	600V, 7A	16	3'	X8989-6S	X8989-173S
		2. Blue			6'	X8989-7S	X8989-174S
		3. White-Black			12'	X8989-8S	X8989-175S
		4. Black			15'	X8989-4070S	X8989-156S
		5. White			20'	X8989-56S	X8989-177S
		6. Red			25'	X8989-15S	X8989-178S
		7. Green			30'	X8989-57S	X8989-179S
		8. Red-Black					

Note: Special lengths available upon request — consult factory.

Nylon and stainless steel coupling nuts available — consult factory.

SPECIFICATIONS MINI-LINE STYLE II SOOW MALE TO FEMALE EXTENSIONS (6-8 POLE)

- 16 AWG Standard Color Code
- 600V 105°C SOOW Cable
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance:
Current Rating:

$\leq 5m\Omega$
See chart with part
number detail

Voltage Rating:
Dielectric Withstand Voltage:

600 VAC / 600 VDC
2200 VAC

Environmental Data

Protection:
Temperature Range:

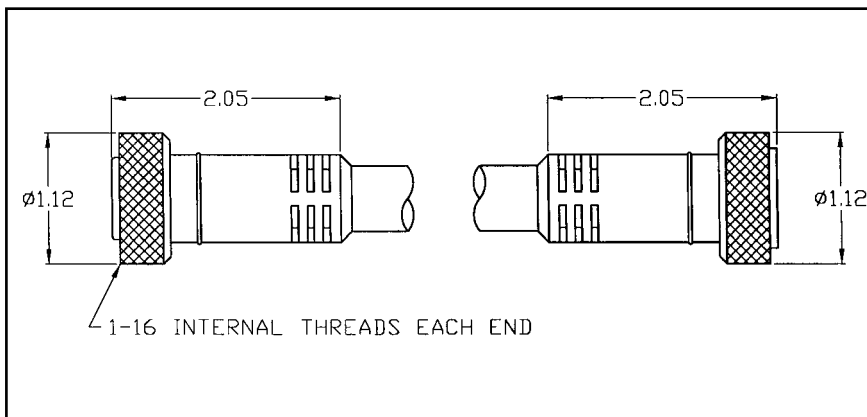
NEMA 1, 3, 4, 6P and 13; IEC IP 68
-50°C to +105°C

Material Data

Body:
Cable:
Contacts:
Female Contact Plating:
Coupling Nut:




Yellow, 82A durometer, flame resistant PVC
Yellow, SOOW
Machined Brass per ASTM B-16
30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Machined Aluminum with anodize finish and clear sealant

DIMENSIONS



MINI-LINE SOOW MALE TO FEMALE EXTENSIONS

WITH **MACHINED ALUMINUM** COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	3'	X8987-33S
					6'	X8987-34S
					12'	X8987-35S
					15'	X8987-4040S
					20'	X8987-4006S
					25'	X8987-4041S
30'	X8987-4042S					
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	3'	X8988-33S
					6'	X8988-34S
					12'	X8988-35S
					15'	X8988-4043S
					20'	X8988-73S
					25'	X8988-74S
					30'	X8988-75S
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	3'	X8989-33S
					6'	X8989-34S
					12'	X8989-35S
					15'	X8989-4071S
					20'	X8989-73S
					25'	X8989-74S
					30'	X8989-75S

Note: Special lengths available upon request — consult factory.

Nylon and stainless steel coupling nuts available — consult factory.

Right angle male and female plugs available — consult factory.

SPECIFICATIONS MINI-LINE STYLE II RECEPTACLES (6-8 POLE)

- Male and Female Receptacles
- Standard Color Code
- 16 AWG Pigtail Leads
- 600V 105°C
- Standard and Flange Mount Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

≤ 5mΩ

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-30°C to +105°C

Material Data

Insert:

Yellow, 82A durometer, flame resistant PVC

Pigtail Leads:

Color coded type MTW or AWM style 1015/1230

Contacts:

Machined Brass per ASTM B-16

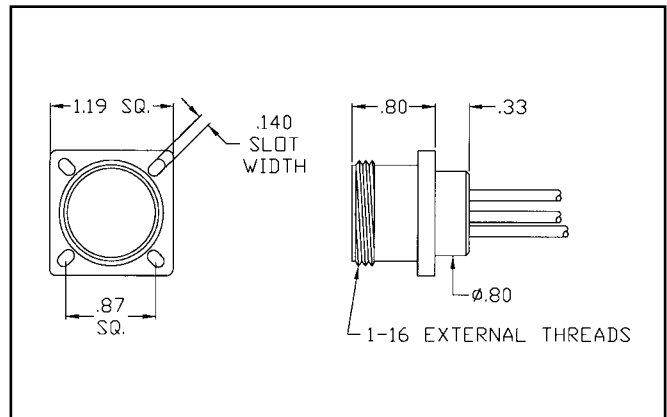
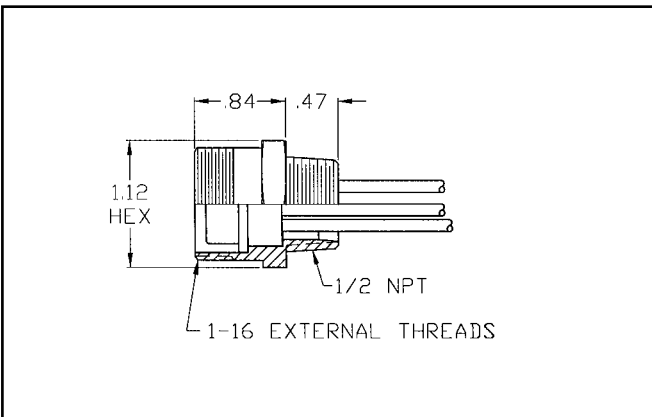
Receptacle Shell:

Machined Aluminum with anodize finish and clear sealant
303 Stainless Steel




Potting Compound:

Black rigid epoxy




DIMENSIONS



MINI-LINE FEMALE RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL




POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" - 14NPT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-1
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-1
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-1

MINI-LINE MALE RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL




POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" - 14NPT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-2
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-2
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-2

Note: Special lead lengths available upon request — consult factory.

MINI-LINE FEMALE RECEPTACLE WITH STAINLESS STEEL RECEPTACLE SHELL




POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" - 14NPT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-1X
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-1X
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-1X

MINI-LINE MALE RECEPTACLE WITH STAINLESS STEEL RECEPTACLE SHELL




POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" - 14NPT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-2X
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-2X
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-2X

Note: Special lead lengths available upon request — consult factory.

MINI-LINE FLANGE MOUNT FEMALE RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	FLANGE MOUNT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-39
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-39
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-39

MINI-LINE FLANGE MOUNT MALE RECEPTACLE WITH MACHINED ALUMINUM RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	FLANGE MOUNT
6		1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green	600V, 8A	16	10"	X8987-22
7		1. White-Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green	600V, 7A	16	10"	X8988-22
8		1. Orange 2. Blue 3. White-Black 4. Black 5. White 6. Red 7. Green 8. Red-Black	600V, 7A	16	10"	X8989-22

Note: Special lead lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE III STOOW PLUGS (9, 10 AND 12 POLE)

- Male and Female Plugs
- 16 AWG Standard Color Code
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

≤ 5mΩ

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-40°C to +105°C

Material Data

Body:

Yellow, 82A durometer, flame resistant PVC

Cable:

Yellow, STOOW per UL62

Contacts:

Machined Brass per ASTM B-16

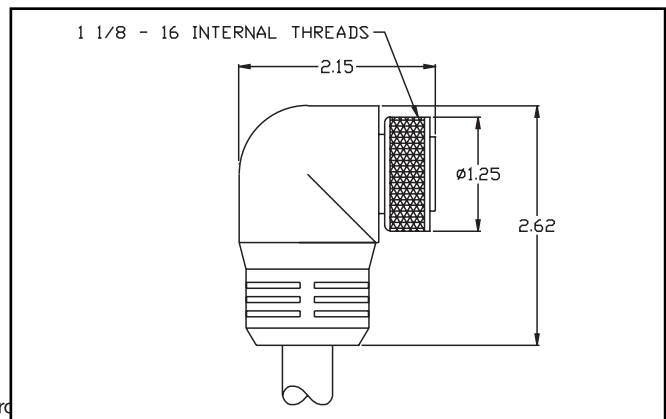
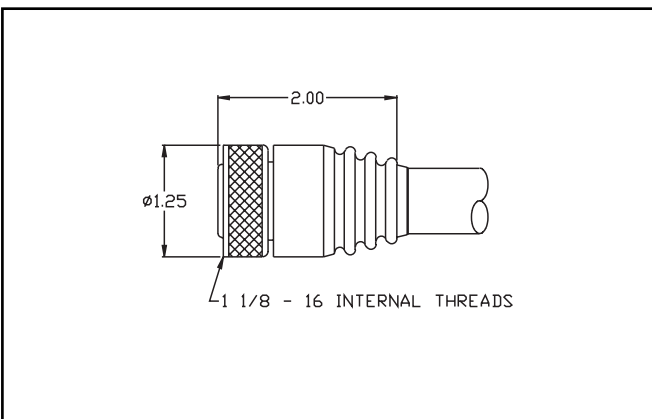
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Coupling Nut:

Machined Aluminum with anodize finish and clear sealant
303 Stainless Steel

DIMENSIONS



MINI-LINE STOOW FEMALE PLUG WITH MACHINED ALUMINUM COUPLING NUT




POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-3	X8990-80
		2. Blue			6'	X8990-4	X8990-81
		3. Red-Black			12'	X8990-5	X8990-82
		4. Green-Black			15'	X8990-4027	X8990-83
		5. White			20'	X8990-69	X8990-84
		6. Red			25'	X8990-70	X8990-85
		7. Green			30'	X8990-71	X8990-86
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-3	X8991-145
		2. Blue			6'	X8991-4	X8991-146
		3. White-Black			12'	X8991-5	X8991-147
		4. Red-Black			15'	X8991-4004	X8991-148
		5. Green-Black			20'	X8991-69	X8991-149
		6. Orange-Black			25'	X8991-70	X8991-150
		7. Red			30'	X8991-71	X8991-151
		8. Green					
		9. Black					
		10. White					
12		1. Orange	600V, 7A	16	3'	X8992-3	X8992-110
		2. Blue			6'	X8992-4	X8992-111
		3. White-Black			12'	X8992-5	X8992-112
		4. Red-Black			15'	X8992-4036	X8992-113
		5. Green-Black			20'	X8992-69	X8992-114
		6. Orange-Black			25'	X8992-70	X8992-115
		7. Blue-Black			30'	X8992-71	X8992-116
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					

MINI-LINE STOOW MALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-6	X8990-87
		2. Blue			6'	X8990-7	X8990-88
		3. Red-Black			12'	X8990-8	X8990-89
		4. Green-Black			15'	X8990-4028	X8990-90
		5. White			20'	X8990-4029	X8990-91
		6. Red			25'	X8990-4030	X8990-92
		7. Green			30'	X8990-4017	X8990-93
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-6	X8991-152
		2. Blue			6'	X8991-7	X8991-153
		3. White-Black			12'	X8991-8	X8991-154
		4. Red-Black			15'	X8991-4067	X8991-155
		5. Green-Black			20'	X8991-4068	X8991-156
		6. Orange-Black			25'	X8991-4069	X8991-157
		7. Red			30'	X8991-4039	X8991-158
8. Green							
9. Black							
10. White							
12		1. Orange	600V, 7A	16	3'	X8992-6	X8992-117
		2. Blue			6'	X8992-7	X8992-118
		3. White-Black			12'	X8992-8	X8992-119
		4. Red-Black			15'	X8992-615	X8992-120
		5. Green-Black			20'	X8992-4014	X8992-121
		6. Orange-Black			25'	X8992-4043	X8992-122
		7. Blue-Black			30'	X8992-4031	X8992-123
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					




Note: Special lengths available upon request — consult factory.

MINI-LINE STOOV FEMALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-3X	X8990-80X
		2. Blue			6'	X8990-4X	X8990-81X
		3. Red-Black			12'	X8990-5X	X8990-82X
		4. Green-Black			15'	X8990-4027X	X8990-83X
		5. White			20'	X8990-69X	X8990-84X
		6. Red			25'	X8990-70X	X8990-85X
		7. Green			30'	X8990-71X	X8990-86X
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-3X	X8991-145X
		2. Blue			6'	X8991-4X	X8991-146X
		3. White-Black			12'	X8991-5X	X8991-147X
		4. Red-Black			15'	X8991-4004X	X8991-148X
		5. Green-Black			20'	X8991-69X	X8991-149X
		6. Orange-Black			25'	X8991-70X	X8991-150X
		7. Red			30'	X8991-71X	X8991-151X
		8. Green					
		9. Black					
		10. White					
12		1. Orange	600V, 7A	16	3'	X8992-3X	X8992-110X
		2. Blue			6'	X8992-4X	X8992-111X
		3. White-Black			12'	X8992-5X	X8992-112X
		4. Red-Black			15'	X8992-4036X	X8992-113X
		5. Green-Black			20'	X8992-69X	X8992-114X
		6. Orange-Black			25'	X8992-70X	X8992-115X
		7. Blue-Black			30'	X8992-71X	X8992-116X
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					

Note: Special lengths available upon request — consult factory.

MINI-LINE STOOW MALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-6X	X8990-87X
		2. Blue			6'	X8990-7X	X8990-88X
		3. Red-Black			12'	X8990-8X	X8990-89X
		4. Green-Black			15'	X8990-4028X	X8990-90X
		5. White			20'	X8990-4029X	X8990-91X
		6. Red			25'	X8990-4030X	X8990-92X
		7. Green			30'	X8990-4017X	X8990-93X
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-6X	X8991-152X
		2. Blue			6'	X8991-7X	X8991-153X
		3. White-Black			12'	X8991-8X	X8991-154X
		4. Red-Black			15'	X8991-4067X	X8991-155X
		5. Green-Black			20'	X8991-4068X	X8991-156X
		6. Orange-Black			25'	X8991-4069X	X8991-157X
		7. Red			30'	X8991-4039X	X8991-158X
		8. Green					
		9. Black					
		10. White					
12		1. Orange	600V, 7A	16	3'	X8992-6X	X8992-117X
		2. Blue			6'	X8992-7X	X8992-118X
		3. White-Black			12'	X8992-8X	X8992-119X
		4. Red-Black			15'	X8992-615X	X8992-120X
		5. Green-Black			20'	X8992-4014X	X8992-121X
		6. Orange-Black			25'	X8992-4043X	X8992-122X
		7. Blue-Black			30'	X8992-4031X	X8992-123X
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					

Note: Special lengths available upon request — consult factory.

SPECIFICATIONS MINI-LINE STYLE III STOOW MALE TO FEMALE EXTENSIONS (9, 10 AND 12 POLE)

- 16 AWG Standard Color Code
- 600V 105°C STOOW
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance: $\leq 5m\Omega$
Current Rating: See chart with part number detail
Voltage Rating: 600 VAC / 600 VDC
Dielectric Withstand Voltage: 2200 VAC

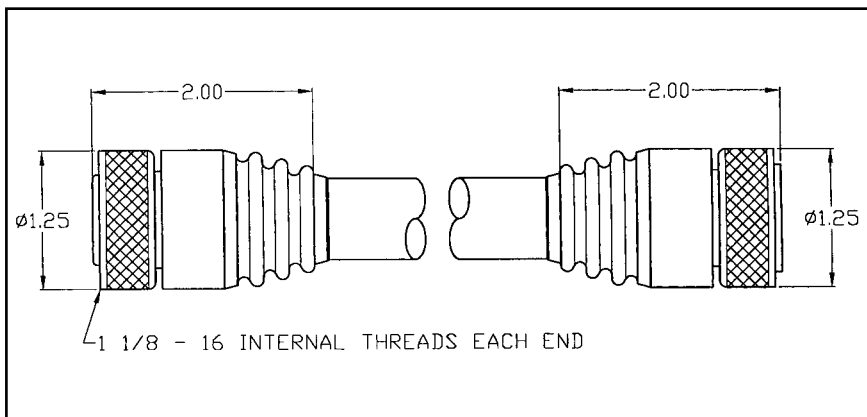
Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68
Temperature Range: -40°C to +105°C




Material Data

Body: Yellow, 82A durometer, flame resistant PVC
Cable: Yellow, STOOW per UL62
Contacts: Machined Brass per ASTM B-16
Female Contact Plating: 30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Coupling Nut: Machined Aluminum with anodize finish and clear sealant

DIMENSIONS



MINI-LINE STOOW MALE TO FEMALE EXTENSIONS WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
9		1. Orange	600V, 7A	16	3'	X8990-33
		2. Blue			6'	X8990-34
		3. Red-Black			12'	X8990-35
		4. Green-Black			15'	X8990-4031
		5. White			20'	X8990-73
		6. Red			25'	X8990-74
		7. Green			30'	X8990-75
		8. White-Black				
		9. Black				
10		1. Orange	600V, 7A	16	3'	X8991-33
		2. Blue			6'	X8991-34
		3. White-Black			12'	X8991-35
		4. Red-Black			15'	X8991-4056
		5. Green-Black			20'	X8991-73
		6. Orange-Black			25'	X8991-74
		7. Red			30'	X8991-75
		8. Green				
		9. Black				
		10. White				
12		1. Orange	600V, 7A	16	3'	X8992-33
		2. Blue			6'	X8992-34
		3. White-Black			12'	X8992-35
		4. Red-Black			15'	X8992-4035
		5. Green-Black			20'	X8992-73
		6. Orange-Black			25'	X8992-74
		7. Blue-Black			30'	X8992-75
		8. Black-White				
		9. Green				
		10. Red				
		11. White				
		12. Black				

Note: Special lengths available upon request — consult factory.
 Right angle male and female plugs available — consult factory.
 Stainless steel coupling nut available — consult factory.

SPECIFICATIONS MINI-LINE STYLE III SOOW PLUG (9, 10 AND 12 POLE)

- Male and Female Plugs
- 16 AWG Standard Color Code
- 600V 105°C SOOW Cable
- Straight and Right Angle Versions
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:
CSA Certification:

File #E 169897
File #LR 13963

Electrical Data

Contact Resistance: $\leq 5m\Omega$
Current Rating: See chart with part number detail
Voltage Rating: 600 VAC / 600 VDC
Dielectric Withstand Voltage: 2200 VAC

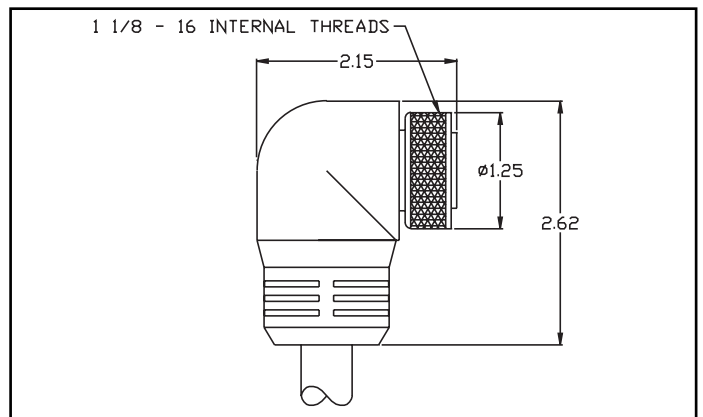
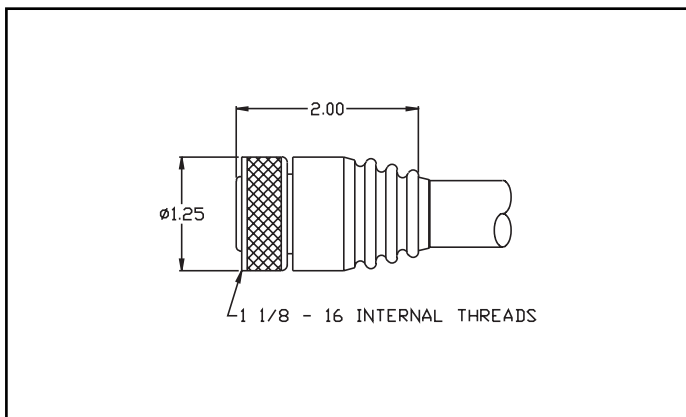
Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68
Temperature Range: -50°C to +105°C




Material Data

Body: Yellow, 82A durometer, flame resistant PVC
Cable: Yellow, SOOW
Contacts: Machined Brass per ASTM B-16
Female Contact Plating: 30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel
Coupling Nut: Machined Aluminum with anodize finish and clear sealant




DIMENSIONS



MINI-LINE SOOW FEMALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-3S	X8990-80S
		2. Blue			6'	X8990-4S	X8990-81S
		3. Red-Black			12'	X8990-5S	X8990-82S
		4. Green-Black			15'	X8990-4027S	X8990-83S
		5. White			20'	X8990-69S	X8990-84S
		6. Red			25'	X8990-70S	X8990-85S
		7. Green			30'	X8990-71S	X8990-86S
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-3S	X8991-145S
		2. Blue			6'	X8991-4S	X8991-146S
		3. White-Black			12'	X8991-5S	X8991-147S
		4. Red-Black			15'	X8991-4004S	X8991-148S
		5. Green-Black			20'	X8991-69S	X8991-149S
		6. Orange-Black			25'	X8991-70S	X8991-150S
		7. Red			30'	X8991-71S	X8991-151S
		8. Green					
		9. Black					
		10. White					
12		1. Orange	600V, 7A	16	3'	X8992-3S	X8992-110S
		2. Blue			6'	X8992-4S	X8992-111S
		3. White-Black			12'	X8992-5S	X8992-112S
		4. Red-Black			15'	X8992-4036S	X8992-113S
		5. Green-Black			20'	X8992-69S	X8992-114S
		6. Orange-Black			25'	X8992-70S	X8992-115S
		7. Blue-Black			30'	X8992-71S	X8992-116S
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					

MINI-LINE SOOW MALE PLUG WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
9		1. Orange	600V, 7A	16	3'	X8990-6S	X8990-87S
		2. Blue			6'	X8990-7S	X8990-88S
		3. Red-Black			12'	X8990-8S	X8990-89S
		4. Green-Black			15'	X8990-4028S	X8990-90S
		5. White			20'	X8990-4029S	X8990-91S
		6. Red			25'	X8990-4030S	X8990-92S
		7. Green			30'	X8990-4017S	X8990-93S
		8. White-Black					
		9. Black					
10		1. Orange	600V, 7A	16	3'	X8991-6S	X8991-152S
		2. Blue			6'	X8991-7S	X8991-153S
		3. White-Black			12'	X8991-8S	X8991-154S
		4. Red-Black			15'	X8991-4067S	X8991-155S
		5. Green-Black			20'	X8991-4068S	X8991-156S
		6. Orange-Black			25'	X8991-4069S	X8991-157S
		7. Red			30'	X8991-4039S	X8991-158S
		8. Green					
		9. Black					
		10. White					
12		1. Orange	600V, 7A	16	3'	X8992-6S	X8992-117S
		2. Blue			6'	X8992-7S	X8992-118S
		3. White-Black			12'	X8992-8S	X8992-119S
		4. Red-Black			15'	X8992-615S	X8992-120S
		5. Green-Black			20'	X8992-4014S	X8992-121S
		6. Orange-Black			25'	X8992-4043S	X8992-122S
		7. Blue-Black			30'	X8992-4031S	X8992-123S
		8. Black-White					
		9. Green					
		10. Red					
		11. White					
		12. Black					

Note: Special lengths available upon request — consult factory.
Stainless steel coupling nut available — consult factory.

SPECIFICATIONS MINI-LINE STYLE III SOOW MALE TO FEMALE EXTENSIONS (9, 10 AND 12 POLE)

- 16 AWG Standard Color Code
- 600V 105°C SOOW Cable
- Machined Aluminum Hardware
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P, and 13; IEC IP 68

Temperature Range:

-50°C to +105°C

Material Data

Body:

Yellow, 82A durometer, flame resistant PVC

Cable:

Yellow, SOOW per UL 62

Contacts:

Machined Brass per ASTM B-16

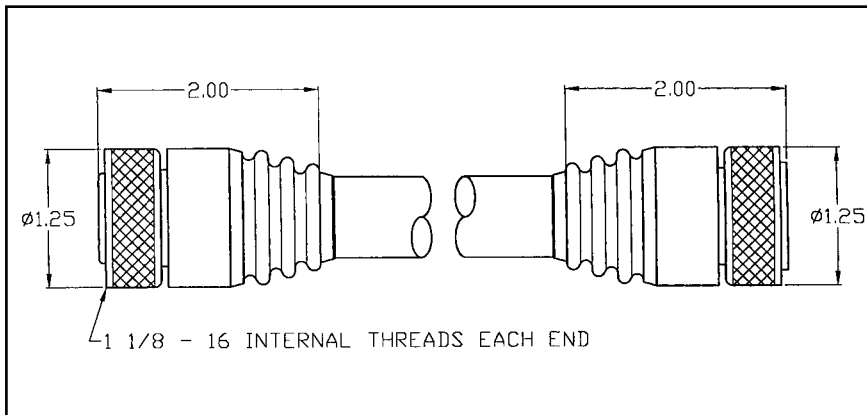
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel




Coupling Nut:

Machined Aluminum with anodize finish and clear sealant

DIMENSIONS



MINI-LINE SOOW MALE TO FEMALE EXTENSIONS WITH MACHINED ALUMINUM COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	MALE TO FEMALE EXTENSIONS
9		1. Orange	600V, 7A	16	3'	X8990-33S
		2. Blue			6'	X8990-34S
		3. Red-Black			12'	X8990-35S
		4. Green-Black			15'	X8990-4031S
		5. White			20'	X8990-73S
		6. Red			25'	X8990-74S
		7. Green			30'	X8990-75S
		8. White-Black				
		9. Black				
10		1. Orange	600V, 7A	16	3'	X8991-33S
		2. Blue			6'	X8991-34S
		3. White-Black			12'	X8991-35S
		4. Red-Black			15'	X8991-4056S
		5. Green-Black			20'	X8991-73S
		6. Orange-Black			25'	X8991-74S
		7. Red			30'	X8991-75S
		8. Green				
		9. Black				
		10. White				
12		1. Orange	600V, 7A	16	3'	X8992-33S
		2. Blue			6'	X8992-34S
		3. White-Black			12'	X8992-35S
		4. Red-Black			15'	X8992-4035S
		5. Green-Black			20'	X8992-73S
		6. Orange-Black			25'	X8992-74S
		7. Blue-Black			30'	X8992-75S
		8. Black-White				
		9. Green				
		10. Red				
		11. White				
		12. Black				

Note: Special lengths available upon request — consult factory.
Stainless steel coupling nut available — consult factory.

SPECIFICATIONS MINI-LINE STYLE III RECEPTACLES (9, 10 AND 12 POLE)

- Male and Female Receptacles
- Standard Color Code
- 16 AWG Pigtail Leads
- 600V 105°C
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications



TECHNICAL DATA

Agency Approvals

UL Recognition:

File #E 169897

CSA Certification:

File #LR 13963

Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-30°C to +105°C

Material Data

Insert:

Yellow, 82A durometer, flame resistant PVC

Pigtail leads:

Color Coded type MTW or AWM style 1015/1230

Contacts:

Machined Brass per ASTM B-16

Receptacle Shell:

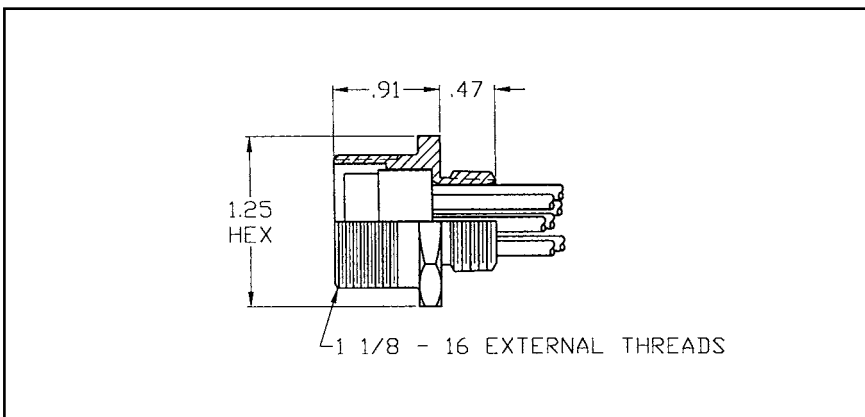
Machined Aluminum with anodize finish and clear sealant

303 Stainless Steel




Potting Compound:

Black rigid epoxy




DIMENSIONS



MINI-LINE FEMALE RECEPTACLES WITH MACHINED ALUMINUM RECEPTACLE SHELL




POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" NPT
9		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. Red-Black 4. Green-Black 5. White 6. Red 7. Green 8. White-Black 9. Black 	600V, 7A	16	12"	X8990-1
10		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Red 8. Green 9. Black 10. White 	600V, 7A	16	12"	X8991-1
12		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Blue-Black 8. Black-White 9. Green 10. Red 11. White 12. Black 	600V, 7A	16	12"	X8992-1

MINI-LINE MALE RECEPTACLES WITH MACHINED ALUMINUM RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" NPT
9		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. Red-Black 4. Green-Black 5. White 6. Red 7. Green 8. White-Black 9. Black 	600V, 7A	16	12"	X8990-2
10		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Red 8. Green 9. Black 10. White 	600V, 7A	16	12"	X8991-2
12		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Blue-Black 8. Black-White 9. Green 10. Red 11. White 12. Black 	600V, 7A	16	12"	X8992-2




Note: Special lead lengths available upon request — consult factory.

MINI-LINE FEMALE RECEPTACLES WITH STAINLESS STEEL RECEPTACLE SHELL

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" NPT
9		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. Red-Black 4. Green-Black 5. White 6. Red 7. Green 8. White-Black 9. Black 	600V, 7A	16	12"	X8990-1X
10		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Red 8. Green 9. Black 10. White 	600V, 7A	16	12"	X8991-1X
12		<ol style="list-style-type: none"> 1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Blue-Black 8. Black-White 9. Green 10. Red 11. White 12. Black 	600V, 7A	16	12"	X8992-1X

Note: Special lead lengths available upon request — consult factory.

MINI-LINE MALE RECEPTACLES WITH STAINLESS STEEL RECEPTACLE SHELL

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	LEAD LENGTH	1/2" NPT
9		1. Orange 2. Blue 3. Red-Black 4. Green-Black 5. White 6. Red 7. Green 8. White-Black 9. Black	600V, 7A	16	12"	X8990-2X
10		1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Red 8. Green 9. Black 10. White	600V, 7A	16	12"	X8991-2X
12		1. Orange 2. Blue 3. White-Black 4. Red-Black 5. Green-Black 6. Orange-Black 7. Blue-Black 8. Black-White 9. Green 10. Red 11. White 12. Black	600V, 7A	16	12"	X8992-2X

Note: Special lead lengths available upon request — consult factory.

SELECTION GUIDE MINI-LINE ADAPTERS

POLES	FEMALE MINI TO MALE AC MICRO	FEMALE AC MICRO TO MALE MINI
2	5000108-1	5000113-35
3	5000109-1	5000114-35
4	5000110-1	5000115-35
5	5000111-1	5000116-35



SELECTION GUIDE MINI-LINE CLOSURE CAPS AND ADAPTERS

CLOSURE CAPS / METAL

STYLE	PLUGS	RECEPTACLES
I	3316582-2A	3316582-1A
II	3316966	3316965
III	3317071-1	3317071

CLOSURE CAPS / PLASTIC

STYLE	PLUGS	RECEPTACLES
I	A600196-6	A600196-2
II	A600494-4	A600494-3

IN-LINE ADAPTERS

STYLE	METAL	PLASTIC
I	1316511	600216-2
II	1316964	600507-4
III	1317142	

