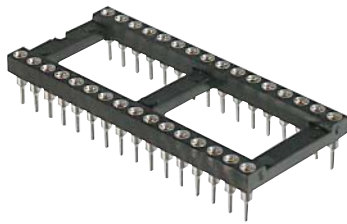


Precision IC-sockets, machined contacts, pitch 2,54mm, pin length 7,43mm



Pin
Brass, machined

Clip
4 finger contact

Plating
HZL = pin - tin /
Clip - gold flash
HGL = pin - gold flash /
Clip - gold flash

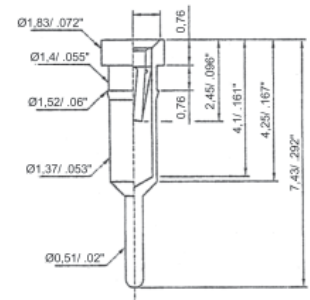
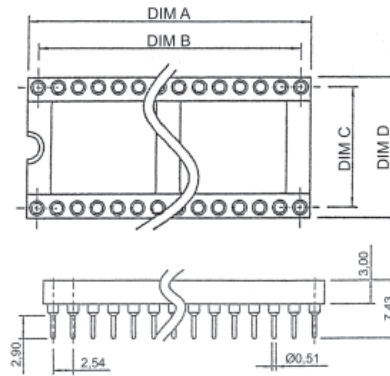
Insulator
Polyamide UL94V-0

Current rating
3A

Contact resistance
<4mΩ / contact

Insulation resistance
>1000MΩ at 100V

Operating temperature
HZL = -40°C to +105°C
HGL = -55°C to +125°C

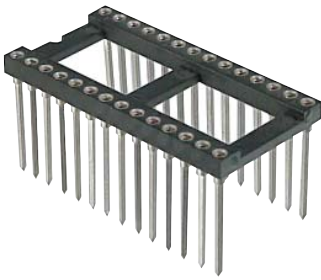


| No. of Contacts | Qty per tube | Dimension | | | |
|-----------------|--------------|-----------|-------|-------|-------|
| | | A | B | C | D |
| 06 | 80 | 7,62 | 5,08 | 7,62 | 10,16 |
| 08 | 58 | 10,16 | 7,62 | 7,62 | 10,16 |
| 10 | 45 | 12,70 | 10,16 | 7,62 | 10,16 |
| 14 | 33 | 17,78 | 15,24 | 7,62 | 10,16 |
| 16 | 29 | 20,32 | 17,78 | 7,62 | 10,16 |
| 18 | 26 | 22,86 | 20,32 | 7,62 | 10,16 |
| 20 | 23 | 25,40 | 22,86 | 7,62 | 10,16 |
| 24 | 19 | 30,48 | 27,94 | 15,24 | 17,78 |
| 24* | 19 | 30,48 | 27,94 | 7,62 | 10,16 |
| 28 | 16 | 35,56 | 33,02 | 15,24 | 17,78 |
| 28* | 16 | 35,56 | 33,02 | 7,62 | 10,16 |
| 32 | 14 | 40,64 | 38,10 | 15,24 | 17,78 |
| 40 | 11 | 50,80 | 48,26 | 15,24 | 17,78 |

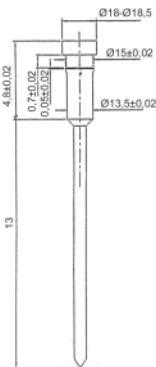
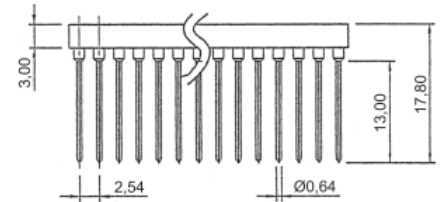
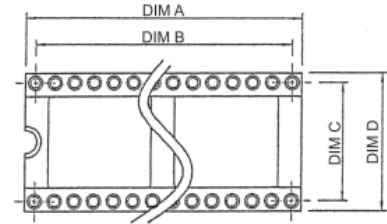
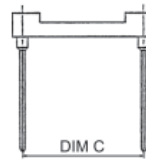
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version |
|---|----------|---------|---|----------|---------|---|----------|------------------------|---|----------|------------------------|
| AR06-HGL-TT-R | 6 | Gold | AR06-HZL-TT-R | 6 | Tin | AR06-HZL/07-TT-R | 6 | Tin/ Clip 30u" Gold | AR06-HZL/01-TT-R | 6 | Tin/ Clip 10u" Gold |
| AR08-HGL-TT-R | 8 | Gold | AR08-HZL-TT-R | 8 | Tin | AR08-HZL/07-TT-R | 8 | Tin/ Clip 30u" Gold | AR08-HZL/01-TT-R | 8 | Tin/ Clip 10u" Gold |
| AR14-HGL-TT-R | 14 | Gold | AR14-HZL-TT-R | 14 | Tin | AR14-HZL/07-TT-R | 14 | Tin/ Clip 30u" Gold | AR14-HZL/01-TT-R | 14 | Tin/ Clip 10u" Gold |
| AR16-HGL-TT-R | 16 | Gold | AR16-HZL-TT-R | 16 | Tin | AR16-HZL/07-TT-R | 16 | Tin/ Clip 30u" Gold | AR16-HZL/01-TT-R | 16 | Tin/ Clip 10u" Gold |
| AR18-HGL-TT-R | 18 | Gold | AR18-HZL-TT-R | 18 | Tin | AR18-HZL/07-TT-R | 18 | Tin/ Clip 30u" Gold | AR18-HZL/01-TT-R | 18 | Tin/ Clip 10u" Gold |
| AR22-HGL-TT-R | 22 | Gold | AR22-HZL-TT-R | 22 | Tin | AR22-HZL/07-TT-R | 22 | Tin/ Clip 30u" Gold | AR22-HZL/01-TT-R | 22 | Tin/ Clip 10u" Gold |
| AR24-HGL-TT-R | 24 | Gold | AR24-HZL-TT-R | 24 | Tin | AR24-HZL/07-TT-R | 24 | Tin/ Clip 30u" Gold | AR24-HZL/01-TT-R | 24 | Tin/ Clip 10u" Gold |
| AR28-HGL-TT-R | 28 | Gold | AR28-HZL-TT-R | 28 | Tin | AR28-HZL/07-TT-R | 28 | Tin/ Clip 30u" Gold | AR28-HZL/01-TT-R | 28 | Tin/ Clip 10u" Gold |
| AR32-HGL-TT-R | 32 | Gold | AR32-HZL-TT-R | 32 | Tin | AR32-HZL/07-TT-R | 32 | Tin/ Clip 30u" Gold | AR32-HZL/01-TT-R | 32 | Tin/ Clip 10u" Gold |
| AR40-HGL-TT-R | 40 | Gold | AR40-HZL-TT-R | 40 | Tin | AR40-HZL/07-TT-R | 40 | Tin/ Clip 30u" Gold | AR40-HZL/01-TT-R | 40 | Tin/ Clip 10u" Gold |

Precision IC-sockets, wire-wrap-version, pitch 2,54mm, pin length 17,80mm



- Pin**
Brass, machined, CuZn38Pb2
- Clip**
4-finger contact
- Plating**
Pin - tin /
Clip - gold flash
- Insulator body**
Polyamide, UL94V-0
- Current rating**
3A
- Contact resistance**
<4mΩ / contact
- Insulation resistance**
>1000MΩ at 100V
- Operating temperature**
-40°C to +105°C

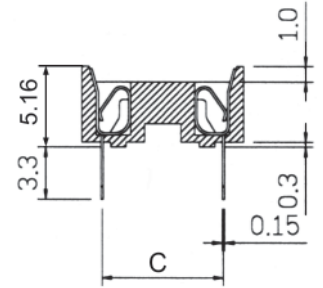
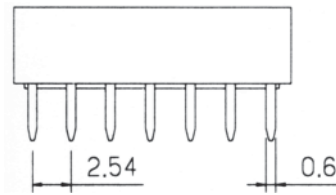
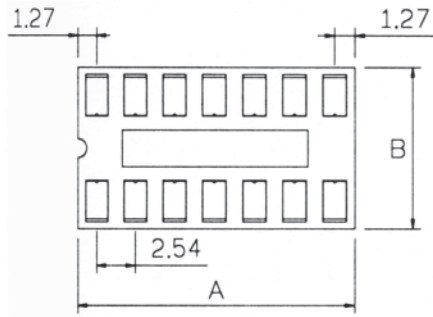
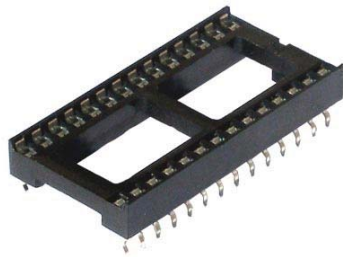
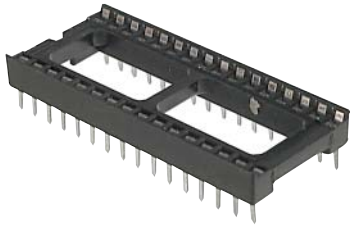


| No. of Contacts | Dimension | | | |
|-----------------|-----------|-------|-------|-------|
| | A | B | C | D |
| 08 | 10,16 | 7,62 | 7,62 | 10,16 |
| 14 | 17,78 | 15,24 | 7,62 | 10,16 |
| 16 | 20,32 | 17,78 | 7,62 | 10,16 |
| 18 | 22,86 | 20,32 | 7,62 | 10,16 |
| 20 | 25,40 | 22,86 | 7,62 | 10,16 |
| 24 | 30,48 | 27,94 | 15,24 | 17,78 |
| 28 | 35,56 | 33,02 | 15,24 | 17,78 |
| 40 | 50,80 | 48,26 | 15,24 | 17,78 |

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number | Contacts | Version |
|-----------------------------|----------|----------|
| Basic Stocking Parts | | |
| AR08-HZW/T-R | 8 | Standard |
| AR14-HZW/T-R | 14 | Standard |
| AR16-HZW/T-R | 16 | Standard |
| AR18-HZW/T-R | 18 | Standard |
| AR20-HZW/T-R | 20 | Standard |
| AR24-HZW/T-R | 24 | Standard |
| AR28-HZW/T-R | 28 | Standard |
| AR40-HZW/T-R | 40 | Standard |

IC sockets, Low Cost version, pitch 2.54mm



Insulator

Polyester, glass reinforced
UL 94V-0

Contacts

Phosphor bronze, tin plated

Operating temperature

-55°C to +105°C

Current rating

1A

Withstanding voltage

1000V AC (1min)

| No. of Contacts | Qty per Tube | Dimensions | | |
|-----------------|--------------|------------|-------|-------|
| | | A | B | C |
| 06 | 80 | 7.62 | 10.0 | 7.62 |
| 08 | 60 | 10.06 | 9.96 | 7.62 |
| 14 | 34 | 17.68 | 9.96 | 7.62 |
| 16 | 30 | 20.22 | 9.96 | 7.62 |
| 18 | 26 | 22.76 | 9.96 | 7.62 |
| 20 | 24 | 22.86 | 9.96 | 7.62 |
| 22 | 21 | 27.80 | 9.96 | 7.62 |
| 22* | 21 | 27.70 | 12.62 | 10.16 |
| 24 | 20 | 30.38 | 17.68 | 15.24 |
| 24** | 20 | 30.38 | 17.68 | 7.62 |
| 28 | 17 | 35.46 | 17.68 | 15.24 |
| 28** | 17 | 35.46 | 17.68 | 7.62 |
| 32 | 15 | 40.50 | 17.68 | 15.24 |
| 40 | 12 | 50.70 | 17.68 | 15.24 |

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version |
|---|----------|--------------|---|----------|---------------|---|----------|---------|---|----------|------------------|
| A06-LC-TT-R | 6 | Straight leg | A06-LC-TR-R | 6 | Retentive Leg | A06-LCG-T-R | 6 | Gold | A24-LC-7-TT-R | 24 | Pitch 7.62mm |
| A08-LC-TT-R | 8 | Straight leg | A08-LC-TR-R | 8 | Retentive Leg | A08-LCG-T-R | 8 | Gold | A28-LC-7-TT-R | 28 | Pitch 7.62mm |
| A14-LC-TT-R | 14 | Straight leg | A14-LC-TR-R | 14 | Retentive Leg | A14-LCG-T-R | 14 | Gold | A22-LC-T2-R | 22 | Width(B) 12.62mm |
| A16-LC-TT-R | 16 | Straight leg | A16-LC-TR-R | 16 | Retentive Leg | A16-LCG-T-R | 16 | Gold | | | |
| A18-LC-TT-R | 18 | Straight leg | A18-LC-TR-R | 18 | Retentive Leg | A18-LCG-T-R | 18 | Gold | | | |
| A20-LC-TT-R | 20 | Straight leg | A20-LC-TR-R | 20 | Retentive Leg | A20-LCG-T-R | 20 | Gold | | | |
| A22-LC-TT-R | 22 | Straight leg | A22-LC-TR-R | 22 | Retentive Leg | A22-LCG-T-R | 22 | Gold | | | |
| A24-LC-TT-R | 24 | Straight leg | A24-LC-TR-R | 24 | Retentive Leg | A24-LCG-T-R | 24 | Gold | | | |
| A28-LC-TT-R | 28 | Straight leg | A28-LC-TR-R | 28 | Retentive Leg | A28-LCG-T-R | 28 | Gold | | | |
| A32-LC-TT-R | 32 | Straight leg | A32-LC-TR-R | 32 | Retentive Leg | A32-LCG-T-R | 32 | Gold | | | |
| A40-LC-TT-R | 40 | Straight leg | A40-LC-TR-R | 40 | Retentive Leg | A40-LCG-T-R | 40 | Gold | | | |

Chip-carrier-sockets



Insulator
PBT, UL 94V-0

Contacts
Phosphor bronze, tin plated

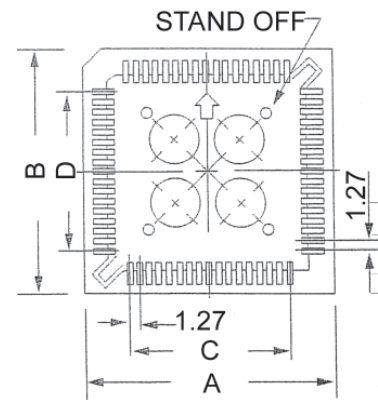
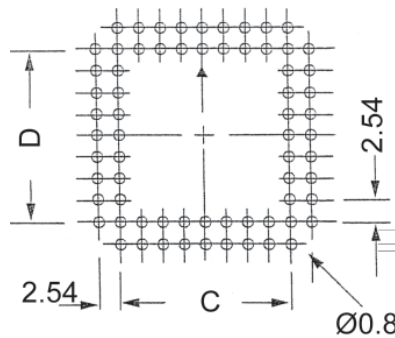
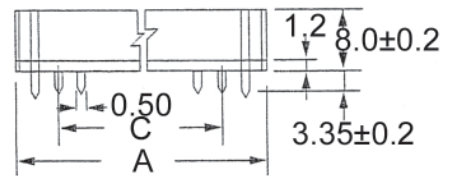
Current rating
1A

Insulating resistance
10000M Ω min

Withstanding voltage
1000V AC

Contact resistance
15m Ω max

Operating temperature
-40°C bis +105°C

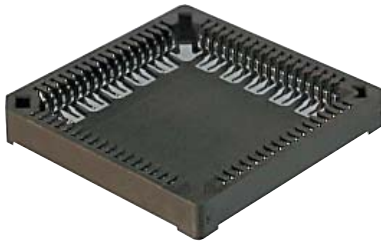


| No. of Contacts | Qty per tube | Dimension | | | |
|-----------------|--------------|-----------|-------|-------|-------|
| | | A | B | C | D |
| 20 | 39 | 15,50 | 15,50 | 5,08 | 5,08 |
| 28 | 33 | 18,05 | 18,05 | 7,62 | 7,62 |
| 32 | 29 | 18,05 | 20,60 | 7,62 | 10,16 |
| 44 | 25 | 23,50 | 23,50 | 12,70 | 12,70 |
| 52 | 23 | 25,88 | 25,88 | 15,24 | 15,24 |
| 68 | 19 | 31,66 | 31,66 | 20,32 | 20,32 |
| 84 | 16 | 36,66 | 36,66 | 25,40 | 25,40 |

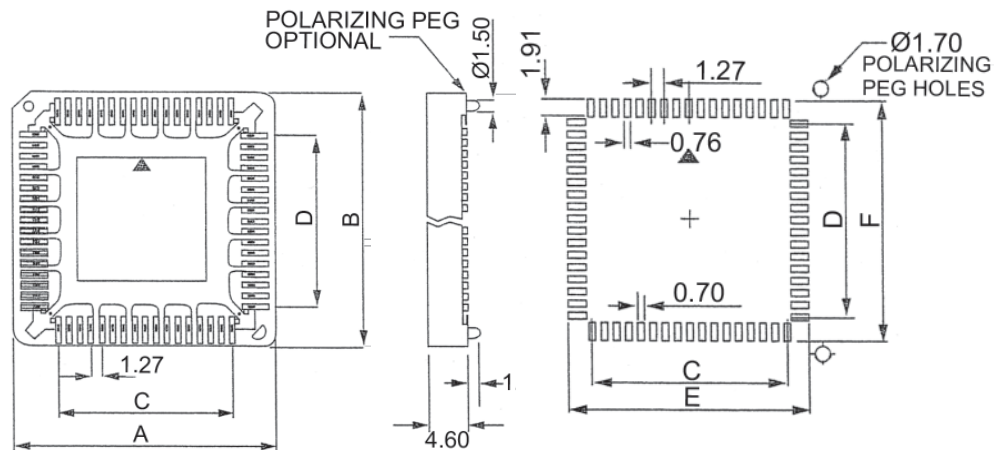
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version |
|---|----------|---------|---|----------|--------------|
| A-CCS20-G-R | 20 | Gold | A-CCS20-Z-R | 20 | Standard Tin |
| A-CCS28-G-R | 28 | Gold | A-CCS28-Z-R | 28 | Standard Tin |
| A-CCS32-G-R | 32 | Gold | A-CCS32-Z-R | 32 | Standard Tin |
| A-CCS44-G-R | 44 | Gold | A-CCS44-Z-R | 44 | Standard Tin |
| A-CCS52-G-R | 52 | Gold | A-CCS52-Z-R | 52 | Standard Tin |
| A-CCS68-G-R | 68 | Gold | A-CCS68-Z-R | 68 | Standard Tin |
| A-CCS84-G-R | 84 | Gold | A-CCS84-Z-R | 84 | Standard Tin |

Chip-carrier-sockets, SMD, Standard and Low Profile version



- Insulator**
PPS, UL 94V-0
- Contacts**
Phosphor bronze, tin plated
- Current rating**
1A
- Insulating resistance**
10000M Ω min
- Withstanding voltage**
1000V AC
- Contact resistance**
15m Ω max
- Operating temperature**
-40°C to +105°C



| No. of Contacts | Quantity in tube | Dimension | | | | | |
|-----------------|------------------|-----------|-------|-------|-------|-------|-------|
| | | A | B | C | D | E | F |
| 20 | 39 | 15,34 | 15,34 | 5,08 | 5,08 | 10,03 | 10,03 |
| 28 | 33 | 17,85 | 17,85 | 7,62 | 7,62 | 12,57 | 12,57 |
| 32 | 29 | 17,85 | 20,42 | 7,62 | 10,16 | 12,57 | 15,11 |
| 44 | 26 | 23,07 | 23,07 | 12,70 | 12,70 | 17,65 | 17,65 |
| 52 | 23 | 25,50 | 25,50 | 15,24 | 15,24 | 20,19 | 20,19 |
| 68 | 19 | 31,00 | 31,00 | 20,32 | 20,32 | 25,27 | 25,27 |
| 84 | 16 | 36,10 | 36,10 | 25,40 | 25,40 | 30,35 | 30,35 |

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Type | Assmann Part Number Basic Stocking Parts | Contacts | Version | Type | Profile |
|---|----------|---------|------------------------|---|----------|--------------|------------------------|-------------|
| A-CCS20-Z-SM-R | 20 | Tin | SMD w/o polarizing peg | A-CCS20-Z-SM-LP-R | 20 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS28-Z-SM-R | 28 | Tin | SMD w/o polarizing peg | A-CCS28-Z-SM-LP-R | 28 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS32-Z-SM-R | 32 | Tin | SMD w/o polarizing peg | A-CCS32-Z-SM-LP-R | 32 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS44-Z-SM-R | 44 | Tin | SMD w/o polarizing peg | A-CCS44-Z-SM-LP-R | 44 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS52-Z-SM-R | 52 | Tin | SMD w/o polarizing peg | A-CCS52-Z-SM-LP-R | 52 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS68-Z-SM-R | 68 | Tin | SMD w/o polarizing peg | A-CCS68-Z-SM-LP-R | 68 | Standard Tin | SMD w/o polarizing peg | Low Profile |
| A-CCS84-Z-SM-R | 84 | Tin | SMD w/o polarizing peg | A-CCS84-Z-SM-LP-R | 84 | Standard Tin | SMD w/o polarizing peg | Low Profile |

Socket, with machined contacts 1-row



Insulator
Polyester GV, UL 94V-0

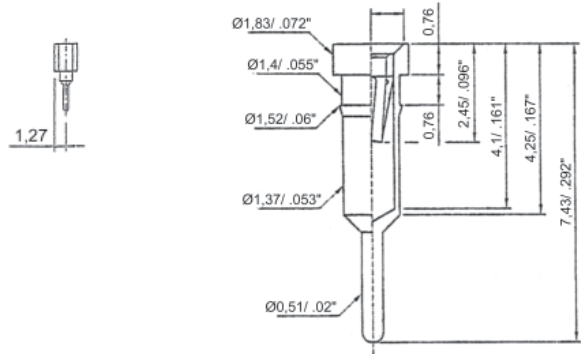
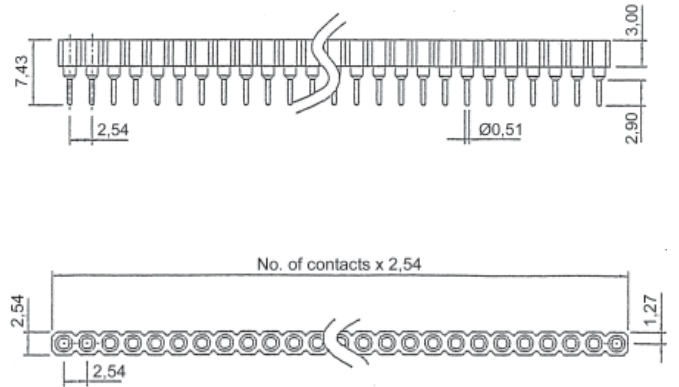
Pin
Brass, machined

Clip
gold flash over nickel

Tensile strength
1000V rms

Current rating
3A

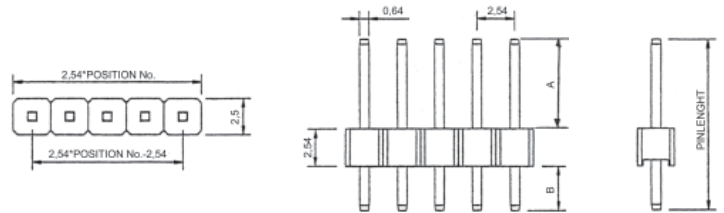
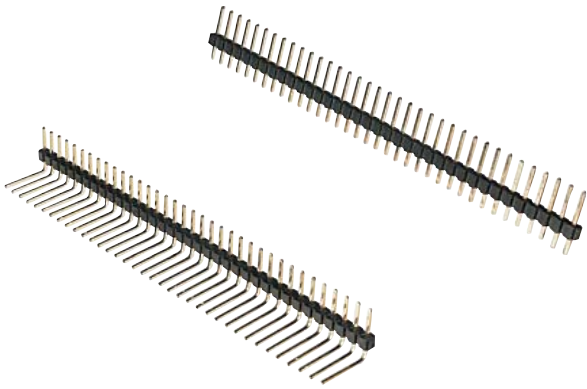
Operating temperature
-65°C to +150°C



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version |
|---|----------|---------|---|----------|---------|
| AW127-02/Z-T-R | 02 | Tin | AW127-02/Z-T-R | 02 | Gold |
| AW127-03/Z-T-R | 03 | Tin | AW127-03/Z-T-R | 03 | Gold |
| AW127-04/Z-T-R | 04 | Tin | AW127-04/Z-T-R | 04 | Gold |
| AW127-05/Z-T-R | 05 | Tin | AW127-05/Z-T-R | 05 | Gold |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| . | . | . | . | . | . |
| AW127-40/Z-T-R | 40 | Tin | AW127-40/Z-T-R | 40 | Gold |

Pin Header, Pitch 2.54, Single Row



Insulator

Glass-filled thermoplastic, UL94V-0

Contact

Brass

Contact resistance

20mΩ max at 1A

Insulation resistance

5000MΩ at 500V DC

Dielectric voltage

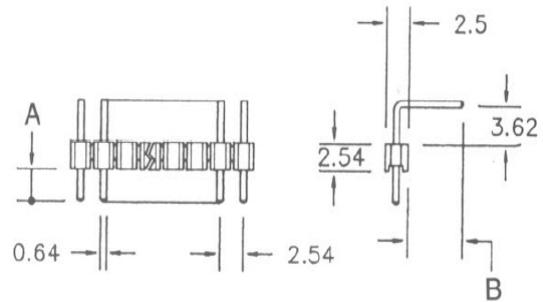
250V AC/rms, 60Hz for 1 minute

Current rating

3A

Voltage rating

250V AC/rms, 60Hz



Straight Angle Version

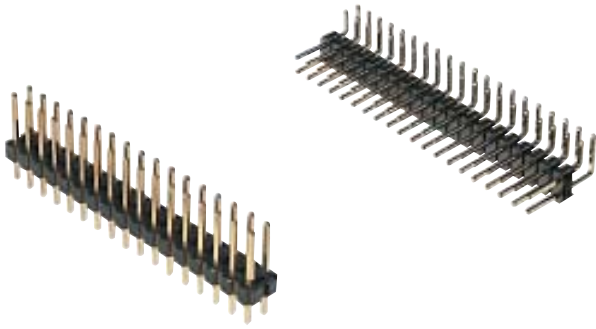
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Available Ping Lengths | Part Number Pattern |
|---|----------|---------|---|----------|---------|------------------------|------------------------|
| AW140-11.2-G-02-R | 02 | Tin | AW140-11.2-G-02-R | 02 | Gold | 9.2 | AW140-9.2-Z-40-R |
| AW140-11.2-G-03-R | 03 | Tin | AW140-11.2-G-03-R | 03 | Gold | 11.8 | AW140-11.8-Z-40-R |
| . | . | . | . | . | . | 12.4 | AW140-12.4-Z-40-R |
| . | . | . | . | . | . | 13.6 | AW140-13.6-Z-40-R |
| . | . | . | . | . | . | 21.1 | AW140-21.1-Z-40-R |
| AW140-11.2-G-40-R | 40 | Tin | AW140-11.2-G-40-R | 40 | Gold | | |

Right Angle Version

| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Available Ping Lengths | Part Number Pattern | Dimension A | Dimension B |
|---|----------|---------|---|----------|---------|------------------------|------------------------|----------------|----------------|
| AW140A-13Z02-R | 02 | Tin | AW140A-13G02-R | 02 | Gold | 13 = .100" | AW140A-13Z40-R | 5.720mm | 2.400mm |
| AW140A-13Z03-R | 03 | Tin | AW140A-13G03-R | 03 | Gold | 15 = .200" | AW140A-15Z40-R | 5.720mm | 4.600mm |
| . | . | . | . | . | . | 21 = .401" | AW140A-21Z40-R | 5.720mm | 9.800mm |
| . | . | . | . | . | . | | | | |
| AW140A-13Z40-R | 40 | Tin | AW140A-13G40-R | 40 | Gold | | | | |

Pin Header, Pitch 2.54, Double Row



Insulator material
Polyester, UL94V-0

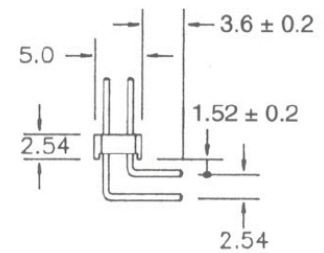
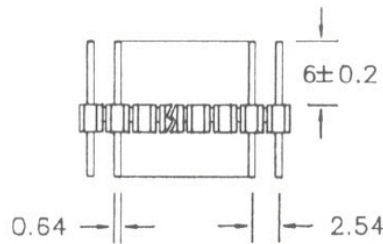
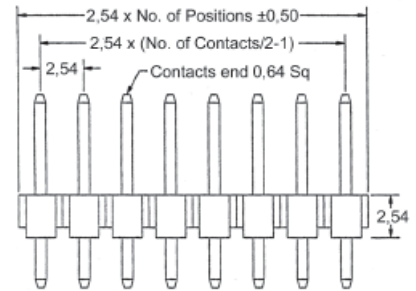
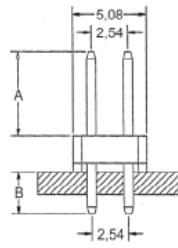
Current rating
3A

Contact material
Brass

Insulator resistance
5000M Ω min.

Dielectric withstanding
500V AC

Operating temperature
-40°C to +105°C



Straight Angle Version

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

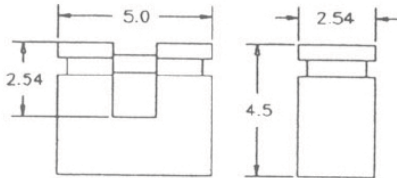
| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | Available Ping Lengths | Part Number Pattern |
|---|----------|---------|---|----------|---------|------------------------|------------------------|
| AWL02-11.2-Z-R | 02 | Tin | AWL02-11.2-G-R | 02 | Gold | 11.8 | AWL02-11.8-G-R |
| AWL03-11.2-Z-R | 03 | Tin | AWL03-11.2-G-R | 03 | Gold | 12.4 | AWL02-12.4-G-R |
| . | . | . | . | . | . | | |
| . | . | . | . | . | . | | |
| . | . | . | . | . | . | | |
| AWL80-11.2-Z-R | 80 | Tin | AWL80-11.2-G-R | 40 | Gold | | |

Right Angle Version

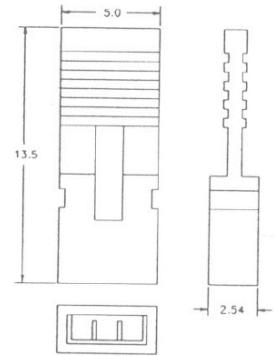
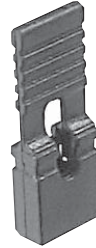
| Assmann Part Number Basic Stocking Parts | Contacts | Version | Assmann Part Number Basic Stocking Parts | Contacts | Version | |
|---|----------|---------|---|----------|---------|--|
| AWL02-T-R | 02 | Tin | AWL02-G-R | 02 | Gold | |
| AWL03-T-R | 03 | Tin | AWL03-G-R | 03 | Gold | |
| . | . | . | . | . | . | |
| . | . | . | . | . | . | |
| . | . | . | . | . | . | |
| AWL80-T-R | 80 | Tin | AWL80-G-R | 80 | Gold | |

Plugs for shorting and addressing, Pitch 2.54mm

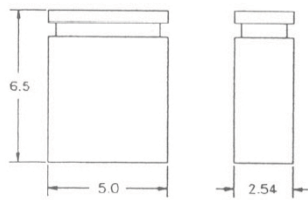
AKSNT



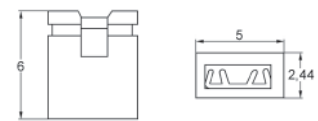
AKSPLT



AKSCT



AKSPT



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO www.usa-assmann.com

| Assmann Part Number Basic Stocking Parts | Contact | Version | Color | Plating | Color Options | Code |
|---|---------|-------------------|-------|------------|------------------|----------------------|
| AKSNT-Z-BLK-R | Tin | Low Profile | Black | Gold Flash | Blue | BLU (Change for BLK) |
| AKSNT-G-BLK-30-R | Gold | Low Profile | Black | 30u* | Red | RED (Change for BLK) |
| AKSNT-G-BLK-50-R | Gold | Low Profile | Black | 50u* | | |
| AKSCT-Z-BLK-R | Tin | Closed housing | Black | Gold Flash | | |
| AKSCT-G-BLK-30-R | Gold | Closed housing | Black | 30u* | | |
| AKSCT-G-BLK-50-R | Gold | Closed housing | Black | 50u* | | |
| AKSPLT-Z-BLK-R | Tin | With removal grip | Black | Gold Flash | | |
| AKSPLT-G-BLK-30-R | Gold | With removal grip | Black | 30u* | | |
| AKSPLT-G-BLK-50-R | Gold | With removal grip | Black | 50u* | | |
| AKSPT-Z-BLK-R | Tin | With test slot | Black | Gold Flash | | |
| AKSPT-G-BLK-30-R | Gold | With test slot | Black | 30u* | | |
| AKSPT-G-BLK-50-R | Gold | With test slot | Black | 50u* | | |