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Customer Specification

PART NO. KR0500115

Construction

Cordset Configuration	
End 1	Mini F 7/8"
End 2	Cut End
Insert	Yellow TPU
Mold Color	Yellow TPU
Contact	Copper Alloy, Gold over Silver Plated
Coupling Nut	Aluminum, anodized black

Cordage Construction	
Cable Construction	5 X 1 COND
Conductor	16 (65/34) AWG BC
Jacket	TPE
Jacket Color	YELLOW
OD	0.38
Insulation	0.016" Wall, Nom. PVC/ 0.005" Wall Nylon
Insulation Colors	White, Red, Green/Yellow, Orange, Black

Applicable Specifications

Cordset Applicable Specifications	
UL	ANSI/UL 2238, Cable Assembly Extension
Ingress Protection	IP67, IP68/NEMA 6P
CSA	CSA-C22.2 No. 182.3, Special Use Attachment Plugs, Receptacles and Connectors

Cordage Applicable Specifications			
UL			
TC-ER	90°C Dry/75°C Wet		AWM/STYLE 20327
AWM/STYLE 20327		SUN RESOIL RES I/II	
			CSA International

Environmental

REACH Regulation (EC 1907/2006):
This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.

Properties

Physical & Mechanical Properties	
Temperature Range	-30 to 90°C(static), -15 to 90°C (dynamic)
Bend Radius	7X Cable Diameter (static), 10X Cable Diameter (dynamic)
Pull Tension	101 Lbs, Maximum

Other

Available Lengths
355- 0.6 Meters
356- 1.0 Meters
357- 3.0 Meters
358- 5.0 Meters
359- 10 Meters
400- 15 Meters
401- 20 Meters

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: KR0500115

KR0500115 , RoHS-Compliant Commencing With 9/21/2016 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above is manufactured in accordance with Directive 2011/65/EU of the European Parliament, better known as the RoHS Directive (commonly known as RoHS 2), with regards to restrictions of the use of certain hazardous substances used in the manufacture of electrical and electronic equipment. This certification extends to amending Directive 2015/863/EU which expanded the list of restricted substances to 10 items (commonly known as RoHS 3) The reader is referred to these Directives for the specific definitions and extents of the Directives. **No Exemptions are required for RoHS Compliance on this item.** Additionally, Alpha certifies that the listed part number is in compliance with China RoHS "Marking for Control of Pollution by Electronic Information Products" standard SJ/T 11364-2014.

Substance	Maximum Control Value
Lead	0.1% by weight (1000 ppm)
Mercury	0.1% by weight (1000 ppm)
Cadmium	0.01% by weight (100 ppm)
Hexavalent Chromium	0.1% by weight (1000 ppm)
Polybrominated Biphenyls (PBB)	0.1% by weight (1000 ppm)
Polybrominated Diphenyl Ethers (PBDE) ,	
Including Deca-BDE	0.1% by weight (1000 ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% by weight (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% by weight (1000 ppm)
Dibutyl phthalate (DBP)	0.1% by weight (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire:

Dave Watson, Director of Engineering & QA

5/24/2019

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