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Alpha Wire | 711 Lidgerwood Avenue, Elizabeth, NJ 07207
Tel: 1-800-52 ALPHA (25742), Web: www.alphawire.com

Request a Sample

Customer Specification

PART NO. 391245

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	12 (65/30) AWG Tinned Copper	0.086
b) Insulation	0.045" Wall, Nom. Silicone Rubber	0.176+/- 0.004
(1) Print	ALPHA WIRE-* 12 AWG RU AWM STYLE 3239 150C 15KVDC VW-1 E163869 * = Factory Code	
(2) Color(s)	WHITE, BLACK, RED	

Applicable Specifications

1) UL	AWM/STYLE 3239	150°C / 15K V_{DC}
2) Other	Halogen-Free	

Environmental

Physical & Mechanical Properties	
1) Temperature Range	-40 to 150°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	51 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	15000 V_{DC}
2) Inductance	0.06 µH/ft, Nominal
3) Conductor DCR	1.78 Ω/1000ft @20°C, Nominal

Properties

Physical & Mechanical Properties	
1) Temperature Range	-40 to 150°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	51 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	15000 V_{DC}
2) Inductance	0.06 µH/ft, Nominal
3) Conductor DCR	1.75 Ω/1000ft @20°C, Nominal

Other

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Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	12 x 6 x 3.5 Continuous length
b) 500 FT	12 x 4.5 x 3.5 Continuous length
c) 100 FT	6.5 x 2 x 1.9 Continuous length
d) Bulk(Made-to-order)	
	[Spool dimensions may vary slightly]
Notes:	
a) Certain colors and put-up combinations may only be available by special order, minimums may apply.	

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EU/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 391245

391245 , RoHS-Compliant Commencing With 7/1/2005 Production

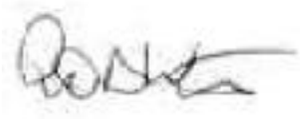
Note: all colors and put-ups

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 — 7/15/2019

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