

Customer Specification

PART NO. 1239

Construction

1) Conductor	
a) Material	Tinned Copper, per ASTM B-33 and CID-A-A-59551, latest revision
b) Stranding	Solid
2) Braid Data	
a) Nominal Dimensions	1.375 x .050 Inches
b) AWG of Ends	30
c) Number of Carriers	48
d) Nominal Percent Coverage	N/A
e) Total Number of Ends	336
f) Approx. Equiv. AWG	5
g) Approx. Ampacity	100 Amps
h) Federal Spec Number	AA59569F30T0875
i) DC Resistance, Nominal	0.44 Ohms/1000 ft.

Applicable Specifications

1) DSCC CID A-A-59569C

Environmental

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Other

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1) Packaging	
a) 100 ft.	12 x 6 x 3.5, Continuous
b) 500 ft.	12 x 6 x 3.5, 3 Pieces Max., 25 ft. Min. Length
c) 1000 ft.	16 x 11x 8, 4 Pieces Max., 25 ft. Min Length
	Spool size may vary slightly

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EU/UK/China ROHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number: 1239

1239, RoHS-Compliant Commencing With 1/1/2004 Production

Note: all colors and put-ups

This document certifies that the Alpha part number cited above, including all packaging materials, 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). This product also complies with UK - RoHS. 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. This product is also in compliance with China RoHS 2 per GB/T 26572-2011.

Substance

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 3/29/2025

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