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

Customer Specification

PART NO. 5874

Construction

		Diameters (In)
1) Component 1	1 X 1 HOOKUP	
a) Conductor	24 (19/36) AWG SPC	0.025
b) Insulation	0.0145" Wall, Nom. PTFE	0.054+/- 0.004
(1) Color(s)	WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET	

Applicable Specifications

1) UL	AWM/STYLE 1180	200°C / 300 V_{RMS}
2) Military	MIL-W-16878/5 (Type EE)	200°C / 1000 V_{RMS}
3) Other	NEMA HP3-EEXBEE	

Environmental

1) EU Directive 2002/95/EC(RoHS):	
	All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
2) California Proposition 65:	The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.

Properties

Physical & Mechanical Properties	
1) Temperature Range	-60 to 200°C
2) Bend Radius	10X Cable Diameter
3) Pull Tension	3.7 Lbs, Maximum
Electrical Properties	(For Engineering purposes only)
1) Voltage Rating	1000 V_{RMS}
2) Inductance	0.06 µH/ft, Nominal
3) Conductor DCR	22.3 /1000ft @20°C, Nominal

Other

Packaging	Flange x Traverse x Barrel (inches)
a) 1000 FT	6.5 x 2 x 1.9 Max. 3 separate pieces; Min length/piece 100 FT.
b) 100 FT	2.75 x 2 x 1.125 Continuous length
	[Spool dimensions may vary slightly]

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RoHS CERTIFICATE OF COMPLIANCE

To Whom It May Concern:

Alpha Wire Part Number:5874

5874 , RoHS-Compliant Commencing With3/1/2005Production

This document certifies that the Alpha part numbers cited above are manufactured in accordancewith Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003,better known as the RoHS Directives, with regards to restrictions of the use of certain hazardoussubstances used in the manufacture of electrical and electronic equipment. The reader is referredto these Directives for the specific definitions and extents of these Directives. ***No Exemptions arerequired for RoHS Compliance on this item.***

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) Polybrominated Diphenyl Ethers (PBDE)	0.1% by weight (1000 ppm)
Including Deca-BDE	0.1% by weight (1000 ppm)

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Authorized Signatory for the Alpha Wire Company:

