

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 5857
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A. Construction

Diameters (In)

- | | | |
|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 18 (19/30) AWG SPC | |
| b) Insulation | 0.010" Wall, Nom. (PTFE) | 0.069+/- 0.005 |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN
ORANGE, SLATE, VIOLET | |

B. Industry Approvals

- | | | |
|-------------|---------------------|------------------------------|
| 1) UL | AWM/STYLE 1213 | 105°C |
| 2) Military | MIL-W-16878E Type E | 200°C / 600 V _{RMS} |
| 3) Other | NEMA HP3-EXBHE | |

C. Environmental Approvals

- 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.

D. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -60 to 200°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 14.9 Lbs, Maximum |
- E. Electrical Properties** (For Engineering purposes only)
- | | |
|-------------------|-----------------------------|
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.03 µH/ft, Nominal |
| 3) Conductor DCR | 5.6 Ω/1000ft @20°C, Nominal |

F. Other

- 1) Packaging
- | |
|------------|
| a) 1000 FT |
| b) 100 FT |
| c) 50 FT |

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