

Customer Specification

PART NO. 5855/7

Construction

| | Diameters (In) | |
|----------------|--|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 22 (7/30) AWG Silver Plated Copper | 0.030 |
| b) Insulation | 0.010" Wall, Nom. PTFE | 0.050+/- 0.004 |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW, BLUE, BROWN ORANGE, SLATE, VIOLET | |

Applicable Specifications

| | | |
|-------------|------------------------|------------------------------|
| 1) UL | AWM/STYLE 1213 | 105°C |
| | VW-1 | |
| 2) Military | MIL-W-16878/4 (Type E) | 200°C / 600 V _{RMS} |
| 3) Other | NEMA HP3-EXBFB | |

Environmental

| | |
|--|--|
| 1) EU Directive 2011/65/EU(RoHS2), EU Directive 2015/863/EU (RoHS3): | |
| | All materials used in the manufacture of this part are in compliance with European Directive 2011/65/EU and the amending Directive 2015/863/EU of 4 June 2015 regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. |
| 2) 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. |
| 3) California Proposition 65: | This product may contain substances known to the State of California to cause Cancer or Reproductive Harm, but is exempt from labeling based on the Consent Judgement. See the Alpha Wire website for more information. |
| | |

Properties

| Physical & Mechanical Properties | |
|----------------------------------|------------------------------|
| 1) Temperature Range | -60 to 200°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 5.5 Lbs, Maximum |
| Electrical Properties | |
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.05 µH/ft, Nominal |
| 3) Conductor DCR | 15.1 Ω/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 1 x 1.125 Continuous length |
| | <i>[Spool dimensions may vary slightly]</i> |
| Notes: | |
| a) Certain colors and put-up combinations may only be available by special order, minimums may apply. | |
| | |

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Alpha Wire 5855/7

[illegible]

Lead

Mercury

Cadmium

Hexavalent Chromium

Polybrominated Biphenyls (PBB)

Polybrominated Diphenyl Ethers (PBDE),

Including Deca-BDE

Bis(2-ethylhexyl) phthalate (DEHP)

Butyl benzyl phthalate (BBP)

Dibutyl phthalate (DBP)

Diisobutyl phthalate (DIBP)

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□□□□□□□□0.1% (1000 ppm)

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□□□□□□□□0.1% (1000 ppm)

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0.1% (1000 ppm)

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