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Customer Specification

PART NO. 67050

Construction

| | | Diameters (mm) |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 0.50 (28/0.16) mm ² Tinned Copper | 0.93 |
| b) Insulation | 0.250 mm Wall, Nom. Modified Polyphenylene Ether | 1.43+/- 0.05 |
| (1) Print | ALPHA WIRE-* P/N 67050 ECOWIRE TM 0.5MM2 E163869 RU AWM 11028 105C 600V VW-1 --- CRU AWM I A/B 105C 600V FT1 CE ROHS * = Factory Code | |
| (2) Color(s) | BLACK, RED, WHITE, BLUE, GREEN, BROWN, YELLOW ORANGE, VIOLET, GREEN/YELLOW | |

Applicable Specifications

| | | |
|----------------------|-------------------------------------|------------------------------|
| 1) UL | AWM/STYLE 11028 | 105°C / 600 V _{RMS} |
| | VW-1 | |
| 2) CSA International | C(RU) AWM I A/B FT1 | 105°C / 600 V _{RMS} |
| 3) Other | Halogen-Free | |
| | IEC 60332-2 Flame Behavior | |
| 4) CE: | EU Low Voltage Directive 2014/35/EU | |

Environmental

| | |
|-------------------------------------|---|
| 1) EU Directive 2011/65/EU(RoHS2): | |
| | 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. Consult Alpha Wire's web site for RoHS C of C. |
| 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. For up-to-date information, please see Alpha's REACH SVHC Declaration. |

Properties

| Physical & Mechanical Properties | |
|----------------------------------|------------------------|
| 1) Temperature Range | -40 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| Electrical Properties | |
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.13 µH/m, Nominal |
| 3) Conductor DCR | 40 Ω/Km @20°C, Nominal |

Other

| Packaging | Flange x Traverse x Barrel (inches) |
|---|---|
| a) 500 M | 6.5 x 4 x 2.5 Continuous length |
| b) 100 M | 3.5 x 3 x 1.125 Continuous length |
| c) 50 M | 2.75 x 2 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. | |

www.alphawire.com

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