ALPHA WIRE CUSTOMER PRODUCT SPECIFICATION

Part Number: 669346 Issue: Page 1 of 2 Pages 5/3/2019 **Issue Date: Effective Date:** 5/3/2019

Construction Diameters (In)

Component 1 23 X 1 COND

Conductor 16 (19/.0117) AWG Bare Copper 0.059 0.0225" Wall, Nom. PVC Insulation 0.104

(1) Color Code Alpha Wire Color Code F

Cond	Color	Cond	Color	Cond	Color
1	BLACK	9	GREEN/BLACK	17	WHITE/RED
2	WHITE	10	ORANGE/BLACK	18	ORANGE/RED
3	RED	11	BLUE/BLACK	19	BLUE/RED
4	GREEN	12	BLACK/WHITE	20	RED/GREEN
5	ORANGE	13	RED/WHITE	21	ORANGE/GREEN
6	BLUE	14	GREEN/WHITE	22	BLACK/WHITE/RED
7	WHITE/BLACK	15	BLUE/WHITE	23	WHITE/BLACK/RED
8	RED/BLACK	16	BLACK/RED		

2) Cable Assembly 23 Components Cabled 1.7 Twists/foot (min) Twists:

Components to be arranged from INSIDE LAYER to OUTSIDE LAYER Orientation: b)

Core Wrap Clear Mylar Tape, 25% Overlap, Min. c)

0.070" Wall, Nom., PVC 0.731+/- 0.025 Jacket

BLACK a) Color(s)

B. Applicable Specifications

105°C / 50 VDC 1) Other SAE, J1128 Type GPT

C. Environmental Compliance

1) RoHS Directive (2011/65/EU):

All materials used in the manufacture of this part meet the requirements of 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. No Exemptions are required for RoHS Compliance on this item. Consult Alpha Wire's web site for RoHS C of C.

Exempt from warning labels based on the Consent Judgment. Please see Alpha's 2) California Proposition 65:

CA Prop 65 Statement for more information.

D. Physical & Mechanical Properties

Temperature Range -20 to 105°C Bend Radius 10X Cable Diameter 2) 3) **Pull Tension** 470 Lbs, Maximum

Electrical Properties (For Engineering purposes only)

1) Voltage Rating

Capacitance 33 pF/ft @1 kHz, Nominal Conductor to Conductor

3) Inductance 0.18 µH/ft, Nominal

4.2 Ω/1000ft @20°C, Nominal 4) Conductor DCR

Other

Flange x Traverse x Barrel (inches) 1) Packaging

a) Bulk(Made-to-order)

This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.

Accepted By:	Date:
Company:	Title:

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