

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: **81-815140**

CWPT P/N: **10-0508**

Revision: **None**

Customer Name: **MC Electronics**

Alpha P/N: **6208C**

Preliminary Cable Specification

Cable, 16/C 24 AWG Shielded (8 TP's)

CONDUCTORS

Wire Size & Type: 24 AWG (7/32) Tinned Copper, 10-0100-80

Nom. Wire Diameter: 0.024

Insulation Type: Foam Polypropylene

Nom. Ins Thickness: 0.016

Conductor Diameter: 0.056

Tolerance (+/-): 0.002

SUB-ASSEMBLY Twisted Pair

Colors: #1 Black P/W Red

#2 Black P/W White

#3 Black P/W Green

#4 Black P/W Blue

#5 Black P/W Brown

#6 Black P/W Yellow

#7 Black P/W Orange

#8 Red P/W Green

ASSEMBLY

Core Cabling: 8 Twisted Pairs Cabled

Lay Up: 1 + f + 7

Filler: Blue Fibrillated Polypropylene as required for uniform round construction.

Shield: Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing Out)

Drain: 24 AWG(7/32) Tinned Copper, 10-0100-80 (Touching Foil)

JACKET

Material Type: Gray PVC, 60-0600-15

Separator: None

Nom. Jkt Thickness: 0.035

Cable Diameter: 0.360

Tolerance (+/-): 0.015

Print: Ink Color Black

Legend: E64207 AWM STYLE 2919 80°C 30V 24/16C --- RoHS

ELECTRICAL CHARACTERISTICS

Calculated Impedance: 105 Ohms (+/-)10

Calculated Capacitance: 12.5 pf/ft@1 Khz, Nominal

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: 1,000 ft.

Reel: Wood, 18" x 12" x 6", 6 lbs.

Cable Weight: Approx. 25lbs/1,000 ft

APPROVALS

Singles: UL 10046 (80°C, 30V)

Final Product: UL 2919 (80°C, 30V)



UNCONTROLLED COPY	Dimensions in inches unless otherwise specified			UNCONTROLLED COPY
	.XXX = +/- .005	.XX = +/- .02	.X = +/- .1	

Prepared By: Mike Cother

Date: 7/13/2010

Customer Approval: _____

Title: _____

Date: _____

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