

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: **81-815109**

CWPT P/N: **10-0514**

Revision: **None**

Customer Name: **MC Electronics**

Alpha P/N: **5350C**

Preliminary Cable Specification

Cable, 10/C 20 AWG Double Shielded (5 TP's)

CONDUCTORS

Wire Size & Type: 20 AWG (7/28) Tinned Copper, 10-0100-117
Nom. Wire Diameter: 0.038
Insulation Type: PVC, 60-0600-35
Nom. Ins Thickness: 0.010
Conductor Diameter: **0.058**
Tolerance (+/-): 0.002

SUB-ASSEMBLY Twisted Pair

Colors: #1 White P/W Black
#2 White P/W Brown
#3 White P/W Red
#4 White P/W Orange
#5 White P/W Yellow

ASSEMBLY

Core Cabling: 5 Twisted Pair Cabled
Lay Up: f + 5
Filler: Blue Fibrillated Polypropylene as required for uniform round construction
Drain: 20 AWG (7/28) Tinned Copper, 10-0100-117 (Touching Foil, Conductor Side)
Shield: Aluminum/Mylar/Aluminum (100% Coverage, 25% Min. Overlap)

SHIELD

Type: Braid
Material: Tinned Copper
Required Coverage: 65% minimum
Visual Coverage: 70.88%
AWG: #36, 10-0100-12

JACKET

Material Type: Gray PVC, 60-0600-43
Rip Cord: Nylon
Nom. Jkt Thickness: 0.063
Cable Diameter: **0.430**
Tolerance (+/-): 0.016
Print: Ink Color Black
Legend: E64207  AWM STYLE 2343 80°C 20/10C - - - RoHS

TESTS

Test 1: Continuity
Test 2: Shorts
Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: Bulk
Reel: Wood or Plastic
Weight: TBD

APPROVALS

Singles: UL 1731 (105°C, 300V)
Final Product: UL 2343 (80°C, Voltage rating not specified)



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

Prepared By: Mike Cother

Customer Approval:

Date: 7/14/2010

Title: _____

Date: _____

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