

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: **81-815103**

CWPT P/N: **10-0511**

Revision: **None**

Customer Name: **MC Electronics**

Alpha P/N: **5271C**

Preliminary Cable Specification

Cable, 2/C 24 AWG Double Shielded

CONDUCTORS

Wire Size & Type: 24 AWG (7/32) Tinned Copper, 10-0100-80
Nom. Wire Diameter: 0.024
Insulation Type: PVC, 60-0600-35
Nom. Ins Thickness: 0.010
Conductor Diameter: 0.044
Tolerance (+/-): 0.002
Colors: #1 White
 #2 Black

ASSEMBLY

Core Cabling: 2/C Twisted
Drain: 24 AWG (7/32) Tinned Copper, 10-0100-80 (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: 77.72%
AWG: #36, 10-0100-12

JACKET

Material Type: Gray PVC, 60-0600-43
Rip Cord: Nylon
Nom. Jkt Thickness: 0.033
Cable Diameter: 0.180
Tolerance (+/-): 0.007
Print: Ink Color Black
Legend: E64207 AWM STYLE 2464 80°C 300V 24/2C - - - 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 2464 (80°C, 300V)



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

Prepared By: Mike Cother
Date: 7/14/2010

Customer Approval:

Title: _____
Date: _____

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