SPECIFICATION CONTROL DRAWING

5022D1312

CHEMINAX

50 OHM, AWG 22, 19 STRANDS OF AWG 34, COAXIAL CABLE

Date 3-28-13
Revision H

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

ADDITIONAL REQUIREMENTS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 27.9 pF/ft. (nominal) VELOCITY OF PROPAGATION 73% (nominal)

ATTENUATION

13.0 dB/100 ft. (maximum) at 400 MHz

.0315 CONDUCTOR AWG 22, 19 Strands of AWG 34, Silver-Coated Copper DIELECTRIC Rayfoam L Color - Natural

ELECTRICAL

CONDUCTOR RESISTANCE 14.4 ohms/1000 ft. (nominal)
INSULATION RESISTANCE 10,000 megohms (minimum)

for 1000 ft.

JACKET FLAWS

SPARK TEST 1.0 kV (rms) IMPULSE TEST 6.0 kV (peak)

VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (rms) (minimum)

SHIELD

AWG 38,
Silver-Coated Copper

JACKET

Thermorad S

ENVIRONMENTAL

FLAMMABILITY Method C HEAT SHOCK 225°C

LOW TEMPERATURE-COLD BEND -55°C/3.50 inch mandrel
VOLTAGE WITHSTAND 1000 volts (rms), 1 minute

(Post Environmental)

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 50% (minimum)
TENSILE STRENGTH 1000 lbf/in² (minimum)

JACKET

ELONGATION 200% (minimum)
TENSILE STRENGTH 2000 lbf/in² (minimum)

JACKET THICKNESS .009 inch (minimum)

.009 inch (minimum) .015 inch (maximum)

SHIELD COVERAGE

90% (minimum)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5022D1312-0) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

WEIGHT 11.8 lbs/1000 ft. (nominal)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

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单击下面可查看定价,库存,交付和生命周期等信息

>>TE Connectivity(泰科)