SPECIFICATION CONTROL DRAWING

CHEMINAX

50 OHM, AWG 21, 19 STRANDS OF AWG 33. COAXIAL CABLE

Date: Revision: С

5021F1331

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

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.

.116

.137

.195

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A **CAPACITANCE** 30.8 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)

CONDUCTOR AWG 21, .0355 19 Strands of AWG 33. **Tin-Coated Copper DIELECTRIC**

> Rayolin F Color - Natural

SHIELD

JACKET

Thermorad S

AWG 36,

Tin-Coated Copper

ELECTRICAL

CONDUCTOR RESISTANCE 11.7 ohms/1000 ft. (nominal)

INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.

ADDITIONAL REQUIREMENTS

JACKET FLAWS

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

VOLTAGE WITHSTAND 1000 volts (rms) (minimum)

(DIELECTRIC)

ENVIRONMENTAL

FLAMMABILITY Method C **HEAT SHOCK** 225°C

LOW TEMPERATURE-COLD BEND -55°C/5.50 inch mandrel **VOLTAGE WITHSTAND** 1000 volts (rms), 1 minute

(Post Environmental)

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 200% (minimum) TENSILE STRENGTH 1800 lbf/in² (minimum)

JACKET

ELONGATION 200% (minimum) 2000 lbf/in² (minimum) TENSILE STRENGTH JACKET THICKNESS .029 inch (nominal)

SHIELD COVERAGE 90% (minimum)

Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be black designated by a "-0" appended to the part number, e.g. 5021F1331-0.

Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

WEIGHT

ENGINEERING REFERENCE

TEMPERATURE RATING 110°C (maximum)

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

Page 1 of 1 Rayolin, Thermorad, Cheminax, Raychem, TE Connectivity, and TE connectivity (logo) are trademarks



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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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24.5 lbs/1000 ft. (nominal)

单击下面可查看定价,库存,交付和生命周期等信息

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