SPECIFICATION CONTROL DRAWING

CHEMINAX

.013

(maximum)

.074

(maximum)

.091

.113

.130

.136 (maximum)

.153 (maximum) 95 OHM, AWG 30, 7 STRANDS OF AWG 38, TRIAXIAL CABLE

| | 10000 |
|----------|---------|
| Date | 2-26-13 |
| Revision | D |

10598

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

CONSTRUCTION DETAILS DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE

ELECTRICAL CHARACTERISTICS

CONDUCTOR .0120 (nominal)

AWG 30, 7 Strands of AWG 38, Silver-Coated High-Strength Copper Alloy

Modified FEP

DIELECTRIC .072 Rayfoam H (nominal) Color - White

1st SHIELD .089 AWG 38, (nominal) Tin-Coated Copper

(maximum) 1st JACKET

(nominal) Color - Clear .119 (maximum)

2nd SHIELD AWG 38. (nominal) Tin-Coated Copper

2nd JACKET .146 Modified FEP (nominal)

Outer jacket color will be translucent white (designated by a "-9X)" appended to the part number, e.g. 10598-30-9X) 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.

CHARACTERISTIC IMPEDANCE 95 ± 5 ohms, Method B **CAPACITANCE** 13.5 pF/ft. (nominal) 14.6 pF/ft. (maximum)

VELOCITY OF PROPAGATION 80% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 116. ohms/1000 ft. (nominal) **INSULATION RESISTANCE** 10,000 megohms (minimum)

(CONDUCTOR TO SHIELD) for 1000 ft.

JACKET FLAWS

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

VOLTAGE WITHSTAND

CONDUCTOR TO SHIELD 1000 volts (rms) (minimum) SHIELD TO SHIELD 500 volts (rms) (minimum)

ENVIRONMENTAL

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

LOW TEMPERATURE-COLD BEND -55°C/4.00 inch mandrel **VOLTAGE WITHSTAND** 1000 volts (rms), 1 minute

(Post Environmental)

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 50% (minimum) TENSILE STRENGTH 600 lbf/in2 (minimum)

JACKET (EACH)

ELONGATION 200% (minimum) **TENSILE STRENGTH** 2000 lbf/in2 (minimum) 1st JACKET THICKNESS .012 inch (nominal) 2nd JACKET THICKNESS .006 inch (minimum) .008 inch (nominal)

SHIELD COVERAGE (EACH) 90% (minimum)

WEIGHT 21.1 lbs/1000 ft. (maximum)

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

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)