#### SPECIFICATION CONTROL DRAWING

CHEMINAX

.146

±.004

.222

.266

75 OHM, AWG 22, 19 STRANDS OF AWG 34, TRIAXIAL CABLE

Date	3-31-11
Revision	С

7522A5811

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.

.0295 CONDUCTOR

AWG 22, 19 Strands of AWG 34, Tin-Coated Copper

DIELECTRIC

Rayfoam L

Color - Natural

.201 Tst JACKET
Zerohal
Color - Black

— 2<sup>nd</sup> SHIELD AWG 36, Tin-Coated Copper

2<sup>nd</sup> JACKET

Zerohal

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 7522A5811-0) 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.

CHARACTERISTIC IMPEDANCE  $75 \pm 3$  ohms, Method B CAPACITANCE 18.3 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION 74% (nominal)

### ADDITIONAL REQUIREMENTS

**ELECTRICAL** 

CONDUCTOR RESISTANCE 15.9 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 HEAT SHOCK 225°C

LOW TEMPERATURE-COLD BEND -30°C/7.00 inch mandrel
VOLTAGE WITHSTAND 1000 volts (rms), 1 minute

(Post Environmental)

**PHYSICAL** 

INSULATION (DIELECTRIC)

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

JACKET (EACH)

ELONGATION 150% (minimum)
TENSILE STRENGTH 1200 lbf/in² (minimum)

1st JACKET THICKNESS .017 inch (nominal)
2nd JACKET THICKNESS .022 inch (nominal)

SHIELD COVERAGE (EACH) 90% (minimum)

WEIGHT 47.7 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.

## 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)