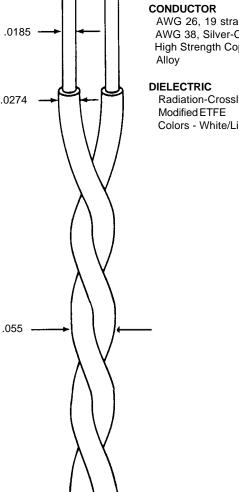
## 0026L9964 SPECIFICATION CONTROL DRAWING CHEMINAX 100 OHM, AWG 26, 19 STRANDS OF AWG 38, UNSHIELDED, Date: 10-10-06 UNJACKETED, TWO CONDUCTOR CABLE **Revision:** В THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200. CONSTRUCTION DETAILS ELECTRICAL **CHARACTERISTICS** DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED. CHARACTERISTIC IMPEDANCE 100 ± 10 ohms, Method C at 1 MHz CAPACITANCE



AWG 26, 19 strands of AWG 38, Silver-Coated High Strength Copper

Radiation-Crosslinked Colors - White/Light Blue

> LOW TEMPERATURE COLD BEND

**CROSSLINK PROOF** 

ADDITIONAL

SHRINKAGE

INSULATION RESISTANCE INSULATION (DIELECTRIC) TENSILE STRENGTH **ELONGATION** INSULATION FLAWS SPARK TEST IMPULSE TEST INSULATION WALL THICKNESS

## **FINISHED CABLE**

INSULATION FLAWS SPARK TEST **IMPULSE TEST** 

3.0 kV (rms) 8.0 kV (peak)

16.0 pF/ft. (nominal)

REQUIREMENTS

 $300 \pm 3^{\circ}C$  for 1 hour, .375 inch mandrel, .187 lb., 2.5 kV dielectric test

-65 ± 2°C for 4 hours,

5000 lbf/in<sup>2</sup> (minimum)

50% (minimum)

3.0 kV (rms)

8.0 kV (peak)

.005 ± .001 inch

.500 inch mandrel, 0.500 lb., 2.5 kV dielectric test

200 ± 3°C for 1 hour, .125 inch (maximum) in 12 inches

5000 megohms for 1000 ft. (minimum)

COMPONENT WIRE PRIOR TO CABLING (Test Procedures per AS22759)

WEIGHT

2.4 lbs/1000 ft. (nominal)

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

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

ICO Electronics

501 Oakside Avenue Raychem Redwood City, California 94063-3800 Wire & Cable 1-800-227-8816 Fax: 1-650-361-6297 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

© 2006 Tyco Electronics Corporation. All rights reserved.

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: 0026L9964CS3194