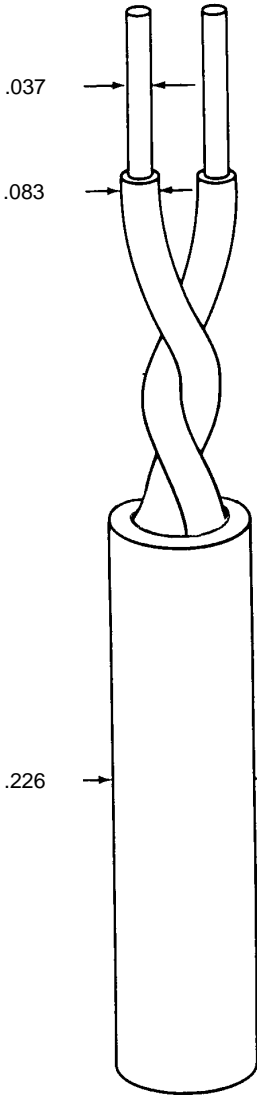


SPECIFICATION CONTROL DRAWING		2020D0309
<b>CHEMINAX</b>	120 OHM, AWG 20, 7 STRANDS OF AWG 28, GXL CONDUCTOR, TWISTED PAIR CABLE, J1939-15 COMPLIANT	Date: 10-2-14 Revision: C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
<p>DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.</p> <p>Components comply with SAE J1128, Type GXL.</p>  <p><b>CONDUCTORS</b> AWG 20, 7 Strands of AWG 28, Bare Copper</p> <p><b>DIELECTRICS</b> Crosslinked Polyolefin Colors - Yellow/Green</p> <p><b>JACKET</b> Thermorad F</p>		<p>CHARACTERISTIC IMPEDANCE 120 ± 12 ohms, Method D at 1 MHz</p> <p>CAPACITANCE 12.0 pF/ft. (nominal) at 1 MHz</p> <p>VELOCITY OF PROPAGATION 66% (nominal)</p>
		ADDITIONAL REQUIREMENTS
		<p><b><u>ELECTRICAL</u></b></p> <p>VOLTAGE WITHSTAND (DIELECTRIC) 1500 volts (rms)</p> <p><b><u>ENVIRONMENTAL</u></b></p> <p>FLAMMABILITY Method C</p> <p>HEAT SHOCK 225°C</p> <p>LOW TEMPERATURE-COLD BEND -55°C/6.00 inch mandrel</p> <p><b><u>PHYSICAL</u></b></p> <p>JACKET ELONGATION 200% (minimum)</p> <p>TENSILE STRENGTH 2000 lbf/in<sup>2</sup> (minimum)</p> <p>JACKET THICKNESS .025 inch (minimum), .030 inch (nominal), .040 inch (maximum)</p>
<p>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. 2020D0309-0).</p> <p>Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.</p>		<p>WEIGHT 22.2 lbs/1000 ft. (nominal)</p> <p><b><u>ENGINEERING REFERENCE</u></b></p> <p>TEMPERATURE RATING 125°C (maximum)</p>
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.		
Page 1 of 1	Thermorad, Cheminax, Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.	



Raychem Wire & Cable  
501 Oakside Avenue  
Redwood City, California 94063-3800  
Phone: 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.

© 2014 Tyco Electronics Corporation. All rights reserved.