



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SPECIFICATION CONTROL DRAWING			5028A3318
<b>CHEMINAX</b>	50 OHM, AWG 28, 7 STRANDS OF AWG 36, COAXIAL CABLE	Date	7-15-13
		Revision	G
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.  <p><b>CONDUCTOR</b> AWG 28, 7 Strands of AWG 36, Silver-Coated Copper Clad Steel</p> <p><b>DIELECTRIC</b> Rayfoam L Color - Natural</p> <p><b>1ST SHIELD</b> AWG 38, Silver-Coated Copper</p> <p><b>2ND SHIELD</b> AWG 38, Silver-Coated Copper</p> <p><b>JACKET</b> Thermorad S</p>		CHARACTERISTIC IMPEDANCE      50 ± 2 ohms, Method A CAPACITANCE                      27.8 pF/ft. (nominal) VELOCITY OF PROPAGATION      73% (nominal)	
		ADDITIONAL REQUIREMENTS	
		<b>ELECTRICAL</b>	
		CONDUCTOR RESISTANCE      150. ohms/1000 ft. (nominal) INSULATION RESISTANCE      10,000 megohms (minimum) for 1000 ft. JACKET FLAWS SPARK TEST                      1.0 kV (rms) IMPULSE TEST                    6.0 kV (peak) VOLTAGE WITHSTAND (DIELECTRIC)    750 volts (rms) (minimum)	
		<b>ENVIRONMENTAL</b>	
		FLAMMABILITY                    Method C HEAT SHOCK                      225°C LOW TEMPERATURE-COLD BEND    -55°C/2.50 inch mandrel VOLTAGE WITHSTAND (Post Environmental)    1000 volts (rms) , 1 minute	
		<b>PHYSICAL</b>	
		INSULATION (DIELECTRIC) ELONGATION                      50% (minimum) TENSILE STRENGTH                1000 lbf/in <sup>2</sup> (minimum) JACKET ELONGATION                      200% (minimum) TENSILE STRENGTH                2000 lbf/in <sup>2</sup> (minimum) JACKET THICKNESS                .010 inch (nominal) SHIELD COVERAGE (each)      90% (minimum)	
		WEIGHT                                    7.9 lbs/1000 ft. (nominal)	
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5028A3318-0) 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.			
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	Rayfoam, Thermorad, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (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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