



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!



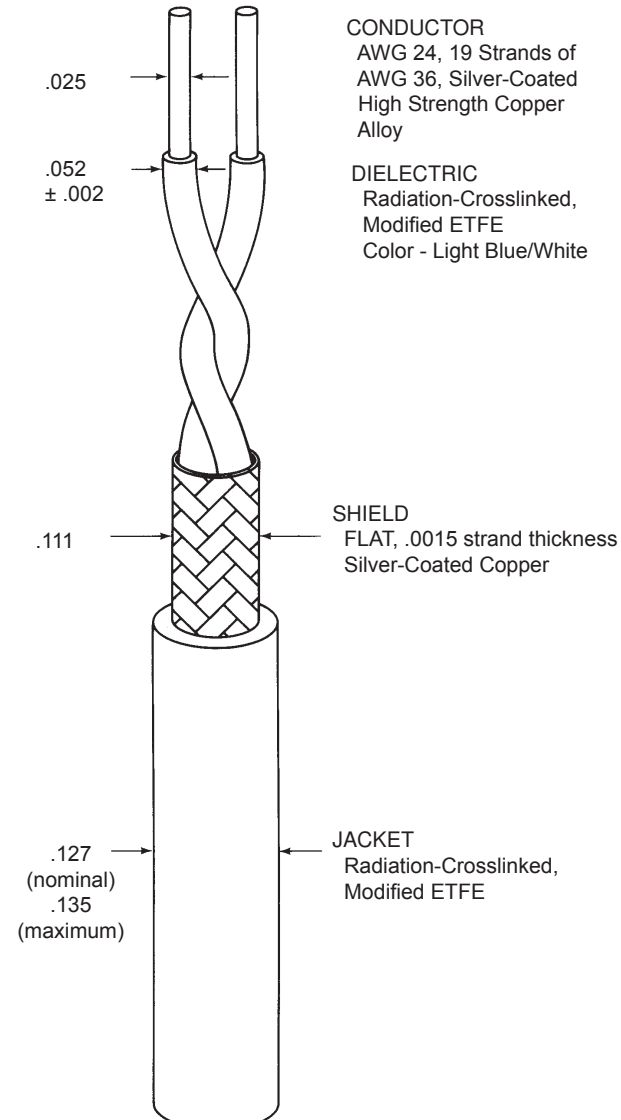
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SPECIFICATION CONTROL DRAWING		7724E2664	
CHEMINAX	77 OHM, AWG 24, 19 STRANDS OF AWG 36, DATA BUS, OUTER SPACE USE	Date	2-16-07
		Revision	D
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.		CHARACTERISTIC IMPEDANCE 77 ± 7 Ohms, Method C at 1 MHz	
 <p>CONDUCTOR AWG 24, 19 Strands of AWG 36, Silver-Coated High Strength Copper Alloy</p> <p>DIELECTRIC Radiation-Crosslinked, Modified ETFE Color - Light Blue/White</p> <p>SHIELD FLAT, .0015 strand thickness Silver-Coated Copper</p> <p>JACKET Radiation-Crosslinked, Modified ETFE</p> <p>Dimensions: Conductor diameter: .025 Dielectric thickness: .052 ± .002 Shield thickness: .111 Jacket thickness: .127 (nominal), .135 (maximum)</p>		MUTUAL CAPACITANCE 30 pF/ft. (maximum)	
		ATTENUATION 1.0 dB/100 ft. nominal at 1 MHz 8.0 dB/100 ft. maximum at 10 MHz	
		SURFACE TRANSFER IMPEDANCE 70 milliohms/meter (nominal) at 10 MHz	
		ADDITIONAL REQUIREMENTS	
COMPONENT WIRE PRIOR TO CABLING (Test Procedures per SAE AS22759)		FINISHED CABLE (Test Procedures per NEMA WC27500)	
CROSSLINK PROOF 300 ± 3°C for 1 hour, .625 inch mandrel, .500 lb., 2.5 kV dielectric test		BLOCKING 200°C for 6 hours	
LOW TEMPERATURE-COLD BEND -65 ± 2°C for 4 hours, .500 inch mandrel, 1.00 lb., 2.5 kV dielectric test		LOW TEMPERATURE-COLD BEND -55 ± 5°C for 4 hours, 6.00 inch mandrel	
SHRINKAGE 200 ± 3°C for 1 hour, .125 inch (maximum) in 12 inches		CROSSLINKED VERIFICATION 300 ± 5°C for 6 hours, 6.00 inch mandrel	
INSULATION RESISTANCE 5000 megohms for 1000 ft. (minimum)		FLAMMABILITY 3 seconds (maximum); 3 inch (maximum); (Method B of Spec 1200) no flaming of facial tissue	
INSULATION (DIELECTRIC) ELONGATION 50% (minimum)		JACKET FLAWS SPARK TEST 1.0 kV (rms)	
TENSILE STRENGTH 5000 lbf/in ² (minimum)		IMPULSE TEST 6.0 kV (peak)	
INSULATION FLAWS SPARK TEST 3.0 kV (rms)		JACKET THICKNESS .008 inch (nominal) .006 inch (minimum)	
IMPULSE TEST 8.0 kV (peak)		JACKET ELONGATION 50% (minimum)	
		TENSILE STRENGTH 5000 lbf/in ² (minimum)	
		SHIELD COVERAGE 90% (minimum)	
		VOLTAGE WITHSTAND (DIELECTRIC) 1500 volts (rms)	
		VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute	
		WEIGHT 10.4 lbs/1000 ft. (nominal)	
		OUTER SPACE REQUIREMENTS	
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 7724E2664-9) unless otherwise specified.		RADIATION RESISTANCE 500 megarads/3.75 inch mandrel	
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.		VACUUM STABILITY TOTAL MASS LOSS (TML) 1.00% (maximum)	
		VOLATILE CONDENSABLE MATERIAL (VCM) 0.10% (maximum)	
		WEIGHT LOSS: (Test per Spec 55/) 0.45% (maximum)	
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.			



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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.