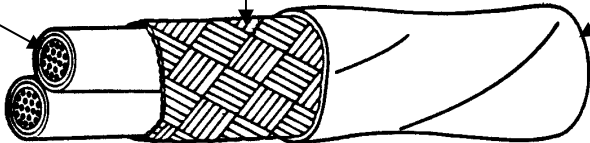


SPECIFICATION CONTROL DRAWING						SCD		55PC122B																					
Title TWO CONDUCTOR CABLE, SHIELDED, JACKETED, GENERAL PURPOSE, 600 VOLT						Date 10-27-14		Revision A																					
This specification sheet forms a part of the latest issue of Raychem Specification 55PC.																													
COMPONENT WIRES - 55PC021B										SHIELD - NICKEL-COATED COPPER										JACKET - RADIATION-CROSSLINKED, MODIFIED ETFE									
																													
CABLE CONSTRUCTION DETAILS																													
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)			WEIGHT (lbs/1000 ft.)																					
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT																				
55PC122B-26-*	26	38	.0050	.0065	.096	.101	.106	7.81	8.32																				
CABLE RATINGS AND ADDITIONAL REQUIREMENTS																													
TEMPERATURE RATING: 200°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) at sea level CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz JACKET COLOR: White preferred JACKET ELONGATION AND TENSILE STRENGTH: Elongation, 50% (minimum) Tensile Strength, 5000 lbf/in² (minimum) JACKET FLAWS: Spark Test, 1000 volts (rms) Impulse Dielectric Test, 6.0 kV (peak)					SHIELD COVERAGE: 85% (minimum) VOLTAGE WITHSTAND (Post Environmental): 1000 volts (rms), 60 Hz, 1 minute 1/ PART NUMBER: The "*" in the part number above shall be replaced by color code designators with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color. Example: AWG 26, red and blue component wires; white jacket: 55PC122B-26-2/6-9																								
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.																													
1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.																													
Page 1 of 1	Raychem, TE connectivity, TE connectivity (logo), and TE (logo) are trademarks.																												
	DIMENSIONS ARE IN INCHES AND, UNLESS OTHERWISE DESIGNATED, ARE NOMINAL.																												
	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.																												
					Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-227-8816 Fax: 1-650-361-6297																								