



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

**55PC0223**

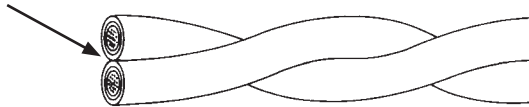
TITLE TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT

Date  
10-8-07

Revision  
E

This specification sheet forms a part of the latest issue of Raychem Specification 55PC.

COMPONENT WIRES - 55PC0213



CABLE CONSTRUCTION DETAILS						
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER ( inch )			WEIGHT ( lbs/1000 ft. )	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0223-24-*	24	.076	.079	.082	4.00	4.23
55PC0223-22-*	22	.088	.091	.094	5.87	6.12
55PC0223-20-*	20	.105	.108	.111	8.87	9.17
55PC0223-18-*	18	.124	.127	.130	13.33	13.82
55PC0223-16-*	16	.139	.142	.145	16.94	17.46
55PC0223-14-*	14	.168	.172	.176	26.07	26.78
55PC0223-12-*	12	.205	.209	.214	39.93	40.85
55PC0223-10-*	10	.252	.258	.264	62.99	64.65
55PC0223- 8-*	8	.376	.392	.406	115.	120.
55PC0223- 6-*	6	.466	.484	.502	182.	190.
55PC0223- 4-*	4	.600	.622	.644	296.	310.
55PC0223- 2-*	2	.740	.766	.794	460.	482.
55PC0223- 0-*	0	.898	.932	.966	696.	736.

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms) at sea level  
 INSULATION FLAWS:  
 Spark Test, 3.0 kV (rms)  
 Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors.

1/ Example: AWG 16, red and blue component wires: 55PC0223-16-2/6

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.

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 is a trademark of Tyco Electronics Corporation.	Tyco Electronics	Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-227-8816 Fax: 1-650-361-6297
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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.		