

SPECIFICATION CONTROL DRAWING

55PC0223

TITLE

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

Date
10-8-07Revision
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.

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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.



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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[55PC0223-12-6/9CS2957](#) [55PC0223-18-6/9CS2957](#) [55PC0223-16-6/9](#) [55PC0223-16-9/96](#) [55PC0223-20-6/9CS2957](#) [55PC0223-16-6/9CS2957](#) [55PC0223-22-9/96](#) [55PC0223-18-9/96](#) [55PC0223-14-6/9CS2957](#) [55PC0223-10-6/9CS2957](#) [55PC0223-22-6/9CS2957](#) [55PC0223-20-6/9](#) [55PC0223-20-9/96](#)