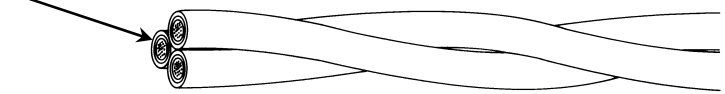
SPECIFICATION CONTROL DRAWING

SCD	55PC0233

Title	Date	Revision
THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT	6-10-16	E

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

COMPONENT WIRES – 55PC0213



CONSTRUCTION DETAILS						
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	DIAMETER (inch)			WEIGHT (lbs/1000 ft)	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0233-26-*	26	.070	.074	.078	4.18	4.60
55PC0233-24-*	24	.081	.085	.089	6.02	6.30
55PC0233-22-*	22	.094	.098	.102	8.82	9.13
55PC0233-20-*	20	.112	.116	.121	13.32	13.68
55PC0233-18-*	18	.132	.137	.142	20.04	20.66
55PC0233-16-*	16	.148	.153	.158	25.46	26.13
55PC0233-14-*	14	.180	.185	.191	39.17	40.06
55PC0233-12-*	12	.219	.226	.232	60.01	61.19
55PC0233-10-*	10	.269	.278	.287	94.65	96.77
55PC0233-8-*	8	.408	.423	.438	173.	181.
55PC0233-6-*	6	.504	.523	.542	273.	286.
55PC0233-4-*	4	.648	.672	.696	444.	464.
55PC0233-2-*	2	.799	.827	.858	695.	724.
55PC0233-0-*	0	.970	1.01	1.04	1043.	1103.

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)

1/ PART NUMBER:
The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Colors shown do not necessarily reflect the sequence of manufacturing.
Example: AWG 16, red, yellow and blue component wires; 55PC0233-16-2/4/6

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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