SPECIFICATION CONTROL DRAWING

55FA0531

TITLE	Date	Revision
THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, FILTER LINE - ELECTROLOSS	8-6-10	B

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

COMPONENT WIRES - 55FA0511



CABLE CONSTRUCTION DETAILS				
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lbs/1000 ft.)
		NOMINAL	MAXIMUM	
55FA0531-22-*	22	.110	.117	12.2
55FA0531-20-*	20	.127	.134	17.7
55FA0531-18-*	18	.151	.158	26.6
55FA0531-16-*	16	.169	.177	34.3
55FA0531-14-*	14	.205	.214	49.3
55FA0531-12-*	12	.242	.251	73.4
55FA0531-10-*	10	.294	.305	113.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms) at sea level
INSULATION FLAWS:
Spark Test, 3.0 kV (rms) at 60 Hz
5.7 kV (rms) at 3 kHz
Impulse Dielectric Test, 8.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC):
Conductor to conductor, 1500 volts (rms), 60 Hz

PART NUMBER:
The "*" in the part numbers above shall be replaced by color code designators; except that violet shall be light violet and the designator shall be 7L; with a slash separating the component wire colors. Colors shown do not necessarily reflect the sequence of manufacturing.

1/ Example: AWG 22, light violet, light violet with an orange stripe and light violet with a blue stripe component wires: 55FA0531-22-7L/7L3/7L6

This product meets or exceeds all requirements of SAE AS85485/11 for 22-14 AWG, less identification.
Internal wire sizes 22-10 AWG meet or exceed all requirements of SAE AS85485/9, less identification.
All other AWG sizes meet or exceed all requirements of SAE AS85485, less identification.

NOTE: Nominal values are for information only.
Nominal values are not requirements.

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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