

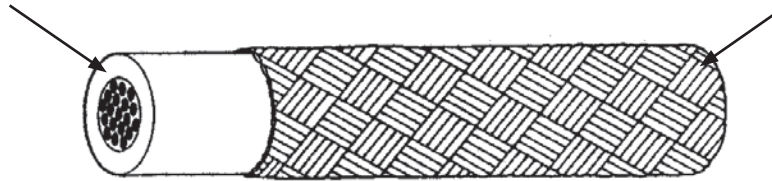
# SPECIFICATION CONTROL DRAWING

**55A3111**

|   |                  |               |
|---|------------------|---------------|
| TITLE<br>ONE CONDUCTOR CABLE, SHIELDED, GENERAL PURPOSE, 600 VOLT                       | Date<br>11-14-11 | Revision<br>B |
| This specification sheet forms a part of the latest issue of Raychem Specification 55A. |                  |               |

COMPONENT WIRE - 55A0111

SHIELD - TIN-COATED COPPER



| CABLE CONSTRUCTION DETAILS |                            |                         |                              |         |                                     |
|----------------------------|----------------------------|-------------------------|------------------------------|---------|-------------------------------------|
| PART NUMBER<br>1/          | CONDUCTOR<br>SIZE<br>(AWG) | SHIELD<br>SIZE<br>(AWG) | OUTSIDE DIAMETER<br>(inches) |         | MAXIMUM<br>WEIGHT<br>(lbs/1000 ft.) |
|                            |                            |                         | NOMINAL                      | MAXIMUM |                                     |
| 55A3111-26-*               | 26                         | 38                      | .049                         | .052    | 3.4                                 |
| 55A3111-24-*               | 24                         | 38                      | .054                         | .057    | 4.3                                 |
| 55A3111-22-*               | 22                         | 38                      | .060                         | .063    | 5.4                                 |
| 55A3111-20-*               | 20                         | 38                      | .067                         | .070    | 7.2                                 |
| 55A3111-18-*               | 18                         | 38                      | .077                         | .080    | 10.0                                |
| 55A3111-16-*               | 16                         | 38                      | .085                         | .088    | 12.2                                |
| 55A3111-14-*               | 14                         | 38                      | .102                         | .106    | 17.7                                |
| 55A3111-12-*               | 12                         | 38                      | .120                         | .124    | 25.3                                |

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms) at sea level  
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz  
 SHIELD COVERAGE: 85% (minimum)

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by a color code designator.

1/ Example: AWG 20, white component wire: 55A3111-20-9

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.<br>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.<br>DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.<br>THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.<br>REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID. | <p style="font-size: x-small;">             Raychem Wire &amp; Cable<br/>             501 Oakside Avenue<br/>             Redwood City, CA 94063-3800<br/>             Phone: 1-800-227-8816<br/>             Fax: 1-650-361-6297           </p> |