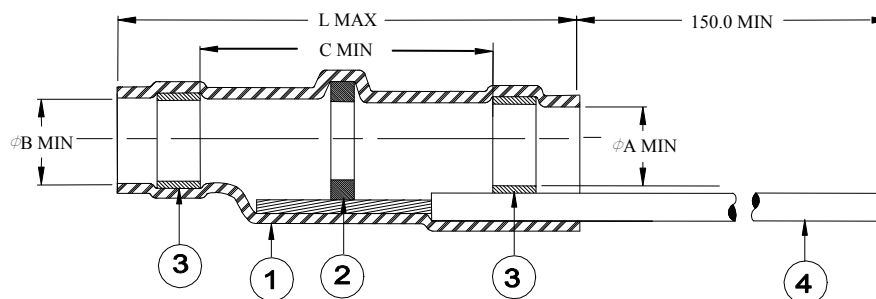


## SPECIFICATION CONTROL DRAWING



| Part Description | Component Dimensions |                 |                 |                 | Cable Dimensions |                 |                 |
|------------------|----------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
|                  | L±1.75<br>(L±0.07)   | B<br>min        | C<br>min        | D<br>min        | E<br>max         | F<br>min        | H<br>max        |
| ST58-1-55-GA-CL  | 16.5<br>(0.650)      | 1.9<br>(0.075)  | 2.65<br>(0.105) | 8.25<br>(0.325) | 2.65<br>(0.105)  | 0.90<br>(0.035) | 1.9<br>(0.075)  |
| ST58-2-55-GA-CL  | 16.5<br>(0.650)      | 2.65<br>(0.105) | 3.68<br>(0.145) | 8.25<br>(0.325) | 3.68<br>(0.145)  | 1.40<br>(0.055) | 2.65<br>(0.105) |
| ST58-3-55-GA-CL  | 16.5<br>(0.650)      | 4.3<br>(0.170)  | 5.08<br>(0.200) | 8.25<br>(0.325) | 5.08<br>(0.200)  | 2.15<br>(0.085) | 4.3<br>(0.170)  |
| ST58-4-55-GA-CL  | 19.1<br>(0.750)      | 5.95<br>(0.235) | 6.45<br>(0.255) | 8.25<br>(0.325) | 6.45<br>(0.255)  | 3.30<br>(0.130) | 5.95<br>(0.235) |
| ST58-5-55-GA-CL  | 19.1<br>(0.750)      | 7.0<br>(0.275)  | 7.6<br>(0.300)  | 8.25<br>(0.325) | 7.6<br>(0.300)   | 4.30<br>(0.170) | 7.0<br>(0.275)  |

### MATERIAL

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX. Qty: see table  
SOLDER: TYPE Sn42Bi58 per ANSI / J-STD-006.  
FLUX: TYPE ROL1 per ANSI / J-STD-004.
- MELTABLE RINGS: Stabilized thermoplastic. Color: Blue.
- PRE-INSTALLED LEAD: RAYCHEM 55A0111 in accordance with MIL-W-22759/32. Stranded tin-plated copper

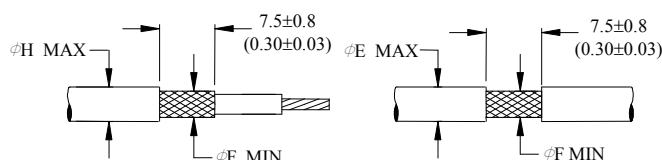
### APPLICATION

- These parts are designed to provide an environment protected shield terminations on cables, rated for 105°C minimum, meeting the dimensional criteria listed, having tin or silver-plated shields.
- When installed per TE Connectivity / Raychem process standard RCPS-100-70, assemblies will meet requirements of TE Connectivity / Raychem Specification RT-1404.
- Temperature range: -55°C to +125°C.

#### Part Number Guide:

ST58-X-55-GA-CL

For best results, prepare the cable as shown:



- Lead color per MIL-STD-681
- Lead AWG (20, 22, 24, 26)
- Lead type AS22759/32 (55A0111)
- Size 1 to 5

|                                                                                                        |  |                                                                             |  |                                                                                                                                                            |  |                                                                                                         |  |                        |  |                |  |                      |  |
|--------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|--|------------------------|--|----------------|--|----------------------|--|
|                     |  | TE Connectivity<br>300 Constitution Drive,<br>Menlo Park, CA. 94025, U.S.A. |  |                                                                         |  | TITLE:<br>SOLDERSLEEVE SHIELD TERMINATOR<br>WITH PRE-INSTALLED LEAD.<br>LOW TEMPERATURE, RoHS COMPLIANT |  |                        |  |                |  |                      |  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |  |                                                                             |  |                                                                                                                                                            |  | DOCUMENT NO.:<br><b>ST58-X-55-GA-CL</b>                                                                 |  |                        |  |                |  |                      |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                            |  | ANGLES: N/A<br><br>ROUGHNESS IN<br>MICRON                                   |  | TE Connectivity reserves the right to amend<br>this drawing at any time. Users should evaluate<br>the suitability of the product for their<br>application. |  | REV.:<br><br>A1                                                                                         |  | DATE:<br><br>16-Apr-11 |  |                |  |                      |  |
| DRAWN BY:<br>L. RODRIGUEZ                                                                              |  | CAGE CODE:<br>06090                                                         |  | REPLACES:<br>---                                                                                                                                           |  | DCR NUMBER:<br>D060287                                                                                  |  | SCALE:<br><br>----     |  | SIZE:<br><br>A |  | SHEET:<br><br>1 of 1 |  |

Print Date: 9-May-11

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