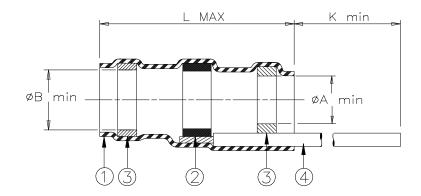
## SPECIFICATION CONTROL DRAWING



|                  | 'XY' = WIRE GAUGE (AWG) |                    |         |         | _       |     |                  |         |          |          |
|------------------|-------------------------|--------------------|---------|---------|---------|-----|------------------|---------|----------|----------|
| Product Revision |                         | Product Dimensions |         |         |         |     | Cable Dimensions |         |          |          |
| Product Name     |                         | L                  | øΑ      | øΒ      | K       | AWG | øD               | øΕ      | J±0.5    | Color of |
|                  |                         | max                | min     | min     | min     |     | max              | min     | (J±0.02) | Item 4   |
| D-101-33         | J                       |                    |         |         |         | 22  |                  |         |          | black    |
| D-101-34         | K                       | 17.0               | 4.30    | 5.00    | 150     | 22  | 4.30             | 1.78    | 7.00     | white    |
| D-101-35         | J                       | (0.670)            | (0.170) | (0.200) | (5.900) | 20  | (0.170)          | (0.070) | (0.275)  | black    |
| D-101-36         | J                       |                    |         |         |         | 20  |                  |         |          | white    |

## **MATERIALS**

- 1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- 2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Sn63 per ANSI-J-STD-006.

FLUX: TYPE ROL1 per ANSI-J-STD-004.

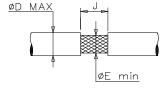
THERMAL INDICATOR: red.

- 3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color:gray.
- 4. GROUND LEAD: Raychem 55A0111-XY in accordance with MIL-W-22759/32 AWG 'XY' (see table) stranded tin plated copper. Color: see table.

## **APPLICATIO**N

- 1. These parts are designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed, having tin or silverplated copper shields.
- 2. Temperature range: -55°C to +150°C.
  Install using Raychem-approved convection or infrared heating tools in accordance with Raychem process standard RCPS-100-70.

For best results, prepare the cable as shown:



\* A trademark of TE Connectivity.

|   |  | HERMOFIT<br>DEVICES                  |    |   | ectivity<br>stitution Drive<br>urk, CA 94025 | SOLDERSLEEVE* DEVICE WITH PRE-INSTALLED LEAD |       |                     |  |  |
|---|--|--------------------------------------|----|---|--|--|-------|---------------------|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |                                      |    |   |  | DOCUMENT NO.: <b>D-101-3X</b>                |       |                     |  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A   |  | this draw<br>ROUGHNESS IN the suitab |    | ectivity reserves the right to amend ing at any time. Users should evaluate bility of the product for their on. |  | DCR NUMBER:<br>D981004                       |       | REPLACES:<br>D1013X |  |  |
| DRAWN BY: DAT<br>M. FORONDA   |  | E:<br>06/15/9                        | 98 | PROD. REV.<br>SEE TABLE   | DOC ISSUE: 5                                 | SCALE:<br>None                               | SIZE: | SHEET:<br>1 of 1    |  |  |