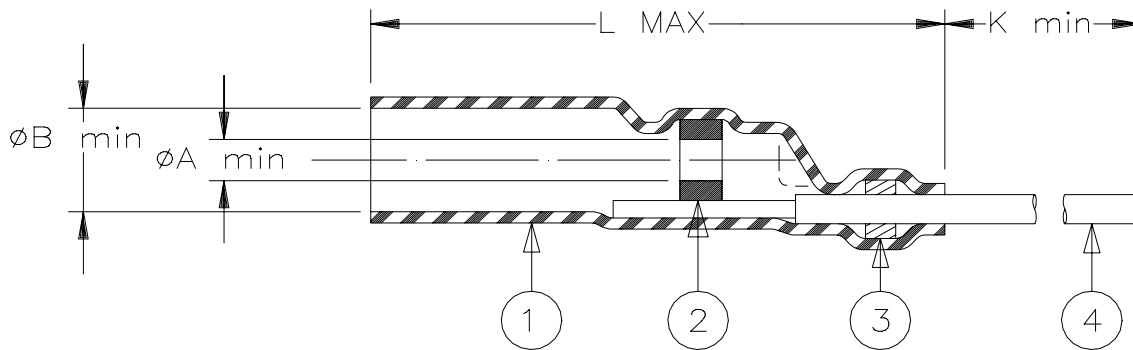


## SPECIFICATION CONTROL DRAWING



| Product Revisions |   | "XY" Wire Gauge (AWG) |          |          |          |    | Cable Dimensions |                |                   |
|-------------------|---|-----------------------|----------|----------|----------|----|------------------|----------------|-------------------|
|                   |   | Product Dimensions    |          |          |          |    | D                | F              | M±0.5<br>(M±0.02) |
| Product Names     |   | L<br>max              | A<br>min | B<br>min | K<br>min |    |                  |                |                   |
| B-801-62          | F | 17.5                  | 1.4      | 2.8      | 150      | 22 | 0.6<br>(0.025)   | 0.3<br>(0.015) | 5<br>(0.200)      |
| B-801-64          | F | (0.690)               | (0.055)  | (0.110)  | (5.900)  | 24 | to               | to             |                   |
| B-801-66          | G |                       |          |          |          | 26 | 2.4<br>(0.095)   | 1.3<br>(0.050) |                   |

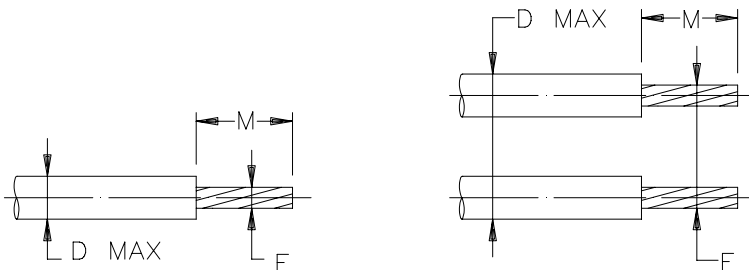
### MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL1 per ANSI J-STD-004.
3. MELTABLE RING: Thermally stabilized thermoplastic. Color: red.
4. CONDUCTOR LEAD: Raychem 55A0111-XY in accordance with MIL-W-22759/32 AWGXY (see table) stranded tin plated copper wire. Color: white.

### APPLICATION

1. These controlled soldering devices are designed to terminate with a stranded extension lead:
  - A metallic pin or
  - the primary of a coaxial cable or
  - one or several tin or silver plated wire(s), having an insulation rated for at least +125°C.
2. Temperature range: -55°C to +150°C.
3. Install using Raychem-approved convection or infrared tools in accordance with Raychem installation procedure RPIP-825-00.

For best results, prepare the wire(s) as shown:



|   |   |  |  |   |                     |                  |  |
|---|---|--|--|---|---------------------|------------------|--|
| <b>Raychem</b>  |   | THERMOFIT<br>DEVICES   | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA | TITLE:<br><b>SOLDERSLEEVE* DEVICE EXTENSION</b> |                     |                  |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE IN BETWEEN BRACKETS. |   |  |  | DOCUMENT NO.: <b>B-801-6X</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 | Raychem reserves the right to amend this<br>drawing at any time. Users should<br>evaluate the suitability of the product for<br>their application. |  | DCR NUMBER:<br>D981701                          | REPLACES:<br>B8016X |                  |  |
| DRAWN BY:<br>R. MAPALO  | DATE:<br>16-Oct-98                        | REV.:<br>SEE TABLE   | DOC ISSUE:<br>3  | SCALE:<br>NONE                                  | SIZE:<br>A          | SHEET:<br>1 of 1 |  |

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## SPECIFICATION CONTROL DRAWING

\*A trademark of Raychem Corporation.

|   |   |  |   |                |                     |                  |  |
|---|---|--|---|----------------|---------------------|------------------|--|
| <b>Raychem</b>  | THERMOFIT<br>DEVICES                      | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA   | TITLE:<br><b>SOLDERSLEEVE* DEVICE EXTENSION</b> |                |                     |                  |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE IN BETWEEN BRACKETS. |   |  | DOCUMENT NO.: <b>B-801-6X</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 | Raychem reserves the right to amend this<br>drawing at any time. Users should<br>evaluate the suitability of the product for<br>their application. | DCR NUMBER:<br>D981701                          |                | REPLACES:<br>B8016X |                  |  |
| DRAWN BY:<br>R. MAPALO  | DATE:<br>16-Oct-98                        | REV.:<br>SEE TABLE   | DOC ISSUE:<br>3                                 | SCALE:<br>NONE | SIZE:<br>A          | SHEET:<br>1 of 1 |  |

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