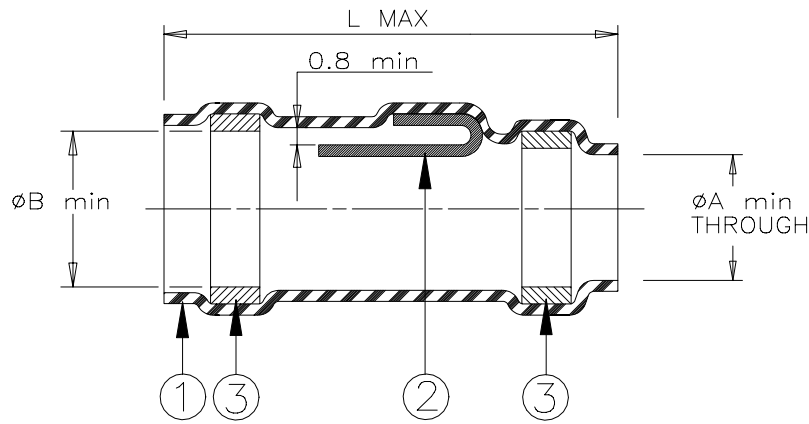


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                |                 | Cable Dimensions |                 |                |                |                |                |
|------------------|---|--------------------|----------------|-----------------|------------------|-----------------|----------------|----------------|----------------|----------------|
| Product Name     |   | L max              | øA min         | øB min          | øE max           | øC max          | øD min         | øF min         | H±0.5 (H±0.02) | G±0.5 (G±0.02) |
| B-013-10         | H | 17.2<br>(0.675)    | 2.6<br>(0.085) | 3.9<br>(0.155)  | 2.6<br>(0.100)   | 3.9<br>(0.155)  | 1.4<br>(0.055) | 1.2<br>(0.045) | 5.5<br>(0.215) | 7.0<br>(0.275) |
| B-013-11         | E | 17.2<br>(0.675)    | 4.8<br>(0.190) | 5.9<br>(0.230)  | 4.8<br>(0.190)   | 5.9<br>(0.230)  | 2.5<br>(0.100) | 1.7<br>(0.065) | 5.5<br>(0.215) | 7.0<br>(0.275) |
| B-013-12         | F | 20.8<br>(0.820)    | 6.8<br>(0.270) | 8.3<br>(0.325)  | 6.8<br>(0.270)   | 8.3<br>(0.325)  | 4.1<br>(0.160) | 3.0<br>(0.120) | 5.5<br>(0.215) | 7.0<br>(0.275) |
| B-013-13         | F | 24.5<br>(0.965)    | 10<br>(0.395)  | 11.6<br>(0.455) | 10<br>(0.395)    | 11.6<br>(0.455) | 6.5<br>(0.255) | 4.5<br>(0.175) | 8.0<br>(0.315) | 9.5<br>(0.375) |

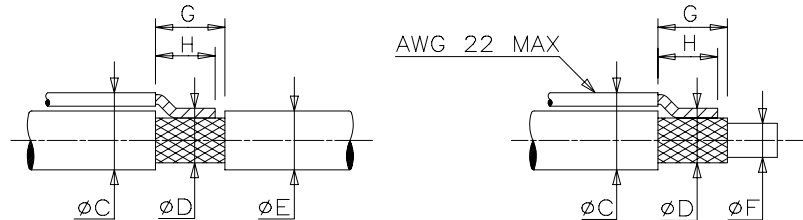
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn96 per ANSI-J-STD-006.  
FLUX: TYPE ROM1 per ANSI-J-STD-004.
- MELTABLE SEALING RINGS: Thermally stabilized thermoplastic. Color: blue.

### APPLICATION

- These controlled soldering devices are designed for termination of a nickel plated copper shield on cables having an insulation rated for at least +150°C.
- Temperature range: -55°C to +175°C with excursion to 200°C.
- When installed per Raychem Process Standard, RCPS-100-70 or Aerospatiale Process Standard, IPDA 83-16, assemblies will meet those requirements of Raychem Specifications RT-1404.

For best results, prepare the cable as shown:



|                                                                                                                                                  |                                           |                                                                                                                                                    |                          |  |                                                                                |                |                          |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--|--------------------------------------------------------------------------------|----------------|--------------------------|------------------|
| <div>Raychem Interconnect</div> <div>a division of tyco ELECTRONICS</div> <div>300 Constitution Drive</div> <div>Menlo Park, CA 94025, USA</div> |                                           |                                                                                                                                                    | THERMOFIT<br>DEVICES     |  | TITLE:<br><br>SOLDERSLEEVE DEVICE<br>WITH LOCALIZED SOLDER<br>HIGH TEMPERATURE |                |                          |                  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS.                                             |                                           |                                                                                                                                                    |                          |  | DOCUMENT NO.: B-013-1X                                                         |                |                          |                  |
| 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 evaluate<br>the suitability of the product for their<br>application. |                          |  | DCR NUMBER:<br><br>D000155                                                     |                | REPLACES:<br><br>D980890 |                  |
| DRAWN BY:<br>M. FORONDA                                                                                                                          |                                           | DATE:<br>19-April-00                                                                                                                               | PROD. REV.:<br>SEE TABLE |  | DOC. ISSUE:<br>17                                                              | SCALE:<br>None | SIZE:<br>A               | SHEET:<br>1 of 1 |

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