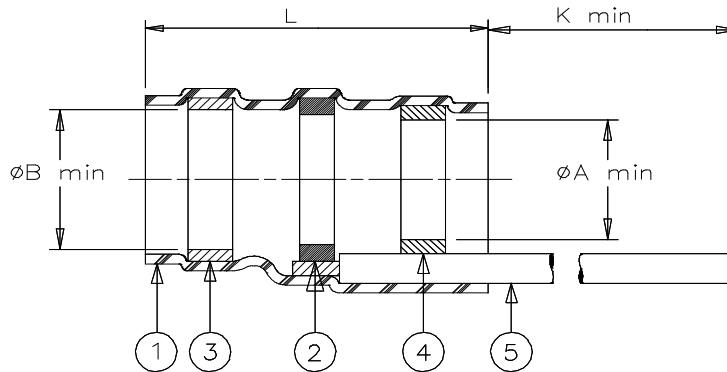


## CUSTOMER DRAWING



| Product Name | Product Dimensions |                 |                 |                | Cable Dimensions |                 |                   |
|--------------|--------------------|-----------------|-----------------|----------------|------------------|-----------------|-------------------|
|              | L<br>max           | A<br>min        | B<br>min        | K<br>min       | D<br>max         | E<br>min        | J±0.5<br>(J±0.02) |
| D-142-72     | 17.25<br>(0.680)   | 2.70<br>(0.105) | 3.10<br>(0.125) | 150<br>(5.900) | 2.70<br>(0.105)  | 0.9<br>(0.035)  | 7<br>(0.275)      |
| D-142-73     | 17.25<br>(0.680)   | 4.30<br>(0.170) | 5.00<br>(0.200) | 150<br>(5.900) | 4.30<br>(0.170)  | 1.9<br>(0.075)  | 7<br>(0.275)      |
| D-142-74     | 20.5<br>(0.750)    | 7.00<br>(0.275) | 7.70<br>(0.300) | 150<br>(5.900) | 7.00<br>(0.275)  | 3.56<br>(0.140) | 7<br>(0.275)      |

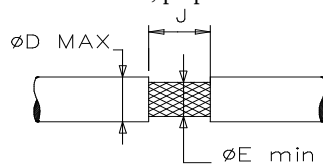
### MATERIAL

- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Cd18 per ANSI J-STD-006.  
FLUX: TYPE ROL0 per ANSI J-STD-004.
- MELTABLE INSERT: Thermally stabilized thermoplastic. Color: blue.
- MELTABLE INSERT: Thermally stabilized thermoplastic. Color: grey.
- GROUND LEAD: RAYCHEM 55A081-221 in accordance with MIL-W-22759/34-22 AWG 22 stranded tin plated copper. Color: white.

### APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum. Meeting the dimensional criteria listed, having tin or silver plated shields.
- Temperature range: -55°C to +125°C.
- Install using TE Connectivity-approved convection or infrared heating tools in accordance with Raychem process standard RCPS-100-70.

For best results, prepare the cable as shown:



TE Connectivity, TE connectivity (logo), Raychem, Thermofit, and SolderSleeve are trademarks

|                                                                                                      |                                           |                                                                                                                                                            |                    |                                                                                      |                           |            |                  |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|---------------------------|------------|------------------|
|                   |                                           | <b>Raychem</b><br>THERMOFIT<br>DEVICES                                                                                                                     |                    | TITLE:<br><b>SOLDERSLEEVE DEVICE WITH<br/>PRE-INSTALLED LEAD LOW<br/>TEMPERATURE</b> |                           |            |                  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |                                           |                                                                                                                                                            |                    | DOCUMENT NO <b>D-142-7X</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<br>amend this drawing at any time. Users<br>should evaluate the suitability of the<br>product for their application. |                    | Revision:<br><br>5                                                                   | Issue Date:<br>March 2020 |            |                  |
| DRAWN BY:<br>R. MAPALO                                                                               |                                           | DATE:<br>06/15/98                                                                                                                                          | ECO: ECO-20-003573 |                                                                                      | SCALE::<br>NONE           | SIZE:<br>A | SHEET:<br>1 of 1 |

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