## SPECIFICATION CONTROL DRAWING



| Product Revision |  | Product Dimensions |  |  |  | Cable Dimensions |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product <br> Name |  | $\begin{aligned} & \hline \mathrm{L} \pm 0.8 \\ & (0.031) \\ & \hline \end{aligned}$ | $\begin{aligned} & \varnothing \mathrm{A} \\ & \min \end{aligned}$ | $\begin{gathered} \not \subset \mathrm{B} \\ \mathrm{~min} \end{gathered}$ | $\begin{gathered} \hline \mathrm{K} \\ \min \end{gathered}$ | $\begin{gathered} \text { øD } \\ \max \end{gathered}$ | $\begin{gathered} \hline ø \mathrm{E} \\ \min \end{gathered}$ | $\begin{gathered} \mathrm{J} \pm 0.5 \\ (\mathrm{~J} \pm 0.02) \\ \hline \end{gathered}$ |
| D-146-0206 | D | $\begin{gathered} \hline 15.00 \\ (0.591) \end{gathered}$ | $\begin{gathered} \hline 2.80 \\ (0.106) \end{gathered}$ | $\begin{gathered} \hline 3.20 \\ (0.125) \\ \hline \end{gathered}$ | $\begin{gathered} 150 \\ (5.910) \end{gathered}$ | $\begin{gathered} \hline 2.80 \\ (0.106) \end{gathered}$ | $\begin{gathered} \hline 0.90 \\ (0.035) \end{gathered}$ | $\begin{gathered} \hline 7.00 \\ (0.275) \\ \hline \end{gathered}$ |
| D-146-0207 | D | $\begin{gathered} \hline 15.00 \\ (0.591) \\ \hline \end{gathered}$ | $\begin{gathered} 4.60 \\ (0.181) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.10 \\ (0.200) \\ \hline \end{gathered}$ | $\begin{gathered} 150 \\ (5.910) \\ \hline \end{gathered}$ | $\begin{gathered} 4.60 \\ (0.181) \\ \hline \end{gathered}$ | $\begin{gathered} 1.80 \\ (0.070) \\ \hline \end{gathered}$ | $\begin{gathered} 7.00 \\ (0.275) \\ \hline \end{gathered}$ |
| D-146-0208 | D | $\begin{gathered} \hline 15.00 \\ (0.591) \end{gathered}$ | $\begin{gathered} 7.10 \\ (0.280) \end{gathered}$ | $\begin{gathered} 7.60 \\ (0.300) \end{gathered}$ | $\begin{gathered} 150 \\ (5.910) \end{gathered}$ | $\begin{gathered} 7.10 \\ (0.280) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 3.60 \\ (0.142) \end{gathered}$ | $\begin{gathered} 7.00 \\ (0.275) \end{gathered}$ |

## MATERIALS

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

SOLDER: TYPE Sn63 per ANSI-J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: blue.
4. GROUND LEAD: Raychem 55A0811-22 in accordance with MIL-W-22759/34 AWG 22 stranded tin plated copper. Marked: SHLD JMPR22.

## APPLICATION

1. These parts are designed to provide an environment protected shield termination on cables, rated for $125^{\circ} \mathrm{C}$ minimum, meeting the dimensional criteria listed, having tin or silver plated copper shields.
2. Temperature range: $-55^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$. 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 Raychem Corporation.

|  | THERMOFIT DEVICES | Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA | TITLE: <br> SOLDERSLEEVE* DEVICE <br> WITH PRE-INSTALLED LEAD |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |  | document no.: $\mathbf{D - 1 4 6 - 0 2 0 X}$ |  |  |  |
| TOLERANCES: ANG <br> $0.00 \mathrm{~N} / \mathrm{A}$  <br> $0.0 \mathrm{~N} / \mathrm{A}$ ROU <br> $0 \mathrm{~N} / \mathrm{A}$ MIC | ANGLES: N/A 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. <br> ROUGHNESS IN <br> MICRON  |  | DCR NUMBER: D981998 |  | REPLACES:D980570 |  |
| DRAWN BY: <br> M. FORONDA | $\begin{aligned} & \text { DATE: } \\ & \\ & 11 / 24 / 98 \\ & \hline \end{aligned}$ |  PROD. REV. <br> SEE TABLE  | $\begin{gathered} \text { DOC ISSUE: } \\ 2 \\ \hline \end{gathered}$ | SCALE: <br> None | $\begin{array}{r} \text { SIZE: } \\ \mathrm{A} \\ \hline \end{array}$ | SHEET: <br> 1 of 1 |

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