## CUSTOMER DRAWING



| Product Name | Product Dimensions |  |  | Cable Dimensions |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \mathrm{L} \\ \max \\ \hline \end{gathered}$ | $\begin{aligned} & \varnothing \mathrm{A} \\ & \mathrm{~min} \end{aligned}$ | $\begin{aligned} & \text { øB } \\ & \min \end{aligned}$ | øD <br> max | $\begin{gathered} \hline ø \mathrm{E} \\ \mathrm{~min} \end{gathered}$ | $\begin{gathered} \mathrm{J} \pm 0.5 \\ (\mathrm{~J} \pm 0.02) \end{gathered}$ | $\begin{gathered} \mathrm{M} \pm 0.5 \\ (\mathrm{M} \pm 0.02) \\ \hline \end{gathered}$ |
| D-104-00 | $\begin{gathered} \hline 29.75 \\ (1.170) \end{gathered}$ | $\begin{gathered} \hline 10.80 \\ (0.425) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 11.65 \\ (0.460) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 11.43 \\ (0.450) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 5.70 \\ (0.225) \end{gathered}$ | $\begin{gathered} \hline 8 \\ (0.315) \\ \hline \end{gathered}$ | $\begin{gathered} 9 \\ (0.355) \end{gathered}$ |

## 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: natural.

## APPLICATION

1. This part is 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. Install using Tyco Electronics approved convection or infrared tools in accordance with Tyco Electronics assembly procedure RCPS-100-70.
3. Assemblies will meet requirements of Tyco Electronics specification RT-1404 and National Aerospace Standard NAS-1747.
4. Temperature range: $-55^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$.

For best results, prepare the cable as shown:


\begin{tabular}{|c|c|c|c|c|c|c|}
\hline  \& Elec \& nics \& Tyco Electronics 300 Constitution Dr Menlo Park, CA 94025, U.S.A. \& \multicolumn{3}{|l|}{TITLE:

SOLDERSLEEVE SHIELD TERMINATOR} <br>
\hline \multicolumn{3}{|l|}{Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]} \& Raychem Devices \& \multicolumn{3}{|l|}{DOCUMENT NO.: $\quad$ D-104-00} <br>

\hline | TOLERANCES: |
| :--- |
| $0.00 \mathrm{~N} / \mathrm{A}$ |
| 0.0 N/A |
| 0 N/A | \& | ANGLES: N/A |
| :--- |
| ROUGHNESS |
| IN MICRON | \& \multicolumn{2}{|l|}{Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.} \& REV: $\quad$ A \& \multicolumn{2}{|l|}{22-Aug-07} <br>

\hline $$
\begin{gathered}
\hline \text { DRAWN BY: } \\
\text { P.TALLY }
\end{gathered}
$$ \& CAGE CODE:

06090 \& REPLACES:

D981826 \& $$
\begin{gathered}
\hline \text { ECO NUMBER: } \\
07-019646 \\
\hline
\end{gathered}
$$ \& SCALE: $\quad$ NTS \& SIZE: ${ }_{\text {A }}$ \& SHEET: 1 of 1 <br>

\hline
\end{tabular}

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