



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

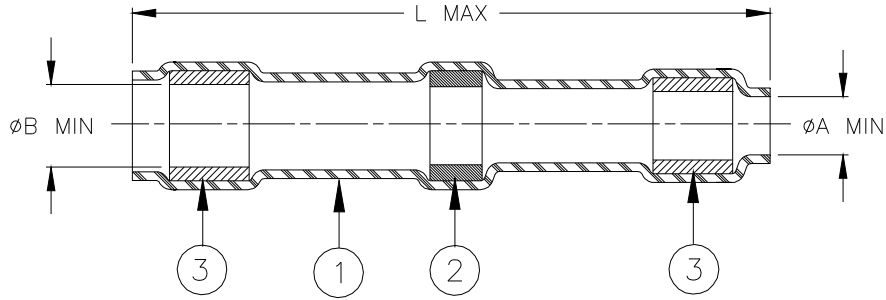
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                 |                 | Wire Dimensions |                 | CMA Range      |
|------------------|---|--------------------|-----------------|-----------------|-----------------|-----------------|----------------|
| Product Name     |   | L max              | øA min          | øB min          | øD              |                 |                |
|                  |   |                    |                 |                 | max             | min             |                |
| D-1744-01        | B | 29.70<br>(1.170)   | 1.90<br>(0.075) | 2.40<br>(0.095) | 1.90<br>(0.075) | 0.50<br>(0.020) | 350 to 2000    |
| D-1744-02        | C | 30.15<br>(1.187)   | 2.80<br>(0.110) | 3.15<br>(0.125) | 2.80<br>(0.110) | 0.80<br>(0.030) | 2000 to 4000   |
| D-1744-03        | B | 29.60<br>(1.165)   | 4.60<br>(0.180) | 5.10<br>(0.200) | 4.57<br>(0.180) | 1.30<br>(0.050) | 4000 to 10000  |
| D-1744-04        | B | 30.00<br>(1.180)   | 7.11<br>(0.280) | 7.62<br>(0.300) | 7.11<br>(0.280) | 2.00<br>(0.080) | 10000 to 13000 |

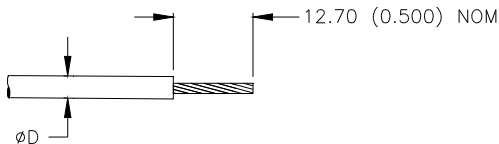
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
  - SOLDER: TYPE Sn63 per ANSI/J-STD-006.
  - FLUX: TYPE ROL1 per ANSI/J-STD-004.
  - THERMAL INDICATOR: Violet
- MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

### APPLICATION

- These parts are designed to provide an environment resistant in-line splice in wires having tin or silver-plated conductors and insulation rated for at least 125°C.
- Temperature range: -55°C to +150°C.
- Install using TE Connectivity/ Raychem-approved convection or infrared tools in accordance with TE Connectivity/ Raychem installation procedure RPIP-850-00.
- Assemblies will meet requirements of TE Connectivity / Raychem specification RT-1404 and National Aerospace Standard NAS-1744.

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



|  |                        |   |                      |   |                  |                    |  |
|--|------------------------|---|----------------------|---|------------------|--------------------|--|
|  |                        | TE Connectivity<br>300 Constitution Drive,<br>Menlo Park, CA. 94025, U.S.A.   | <b>Raychem</b>       | TITLE:<br><b>SOLDERSLEEVE WIRE SPLICE</b>     |                  |                    |  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |                        |   |                      | DOCUMENT NO.:<br><b>D-1744-01/-02/-03/-04</b> |                  |                    |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  | ANGLES: N/A            | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |                      | PROD. REV.:<br>SEE TABLE                      | DOC. ISSUE:<br>6 | DATE:<br>15-Apr-11 |  |
| PREPARED BY:<br>mforonda   | DCR NUMBER:<br>D040063 | REPLACES:<br>D030265  | CAGE CODE :<br>06090 | SCALE:<br>---                                 | SIZE:<br>A       | SHEET:<br>1 of 1   |  |