



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

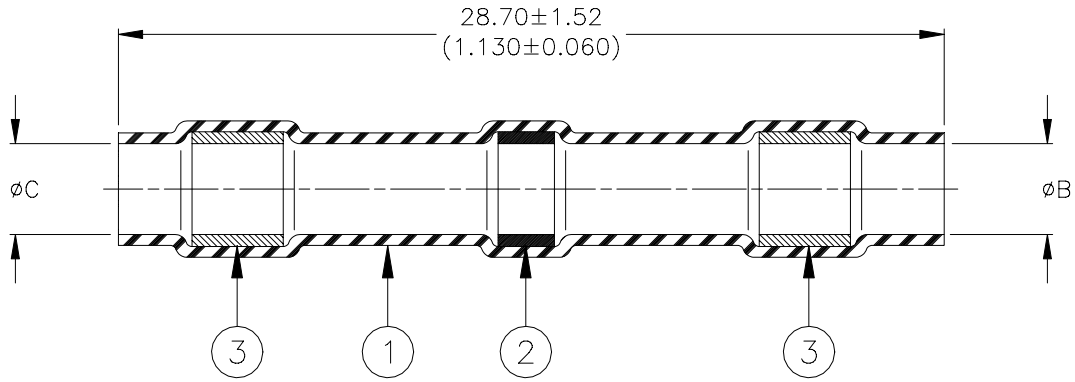
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



## SPECIFICATION CONTROL DRAWING



Product Revisions		NAS Equivalent	Product Dimensions		Typical Wire Bundle Size	
Product Names			ØB min	ØC min	ØD max	ØE min
D-144-15	B	1744-1	1.91 (0.075)	2.41 (0.095)	2.41 (0.095)	0.89 (0.035)
D-144-12	C	1744-2	2.54 (0.100)	3.18 (0.125)	3.18 (0.125)	1.39 (0.055)
D-144-13	B	1744-3	4.57 (0.180)	5.08 (0.200)	5.08 (0.200)	2.54 (0.100)
D-144-14	B	1744-4	7.11 (0.280)	7.62 (0.300)	7.62 (0.300)	4.06 (0.160)

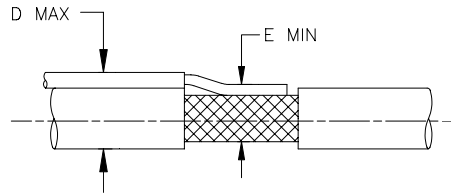
### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:
  - SOLDER: TYPE Sn63 per ANSI/J-STD-006.
  - FLUX: TYPE ROL1 per ANSI/J-STD-004.
3. SEALING RINGS: Immersion resistant thermoplastic. Color: gray.

### APPLICATION

1. These parts are designed to provide an immersion resistant shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.
2. These parts are designed to meet the requirements of Raychem Specification RT-1404. They also comply with National Aerospace Standard Part Drawing NAS-1744. See table for equivalent sizes.
3. Temperature range: -55°C to +150°C.
4. 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:



<b>tyco</b> Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<b>Raychem</b>		TITLE: <b>SOLDERSLEEVE, HIGH TEMPERATURE IMMERSION RESISTANT</b>	
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]				DOCUMENT NO.: <b>D-144-12/-15</b>			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.			
DRAWN BY: M. FORONDA		CAGE CODE: 06090		REPLACES: D010117		DCR NUMBER: D040238	
PROD. REV.: SEE TABLE		SCALE: None		SIZE: A		SHEET: 1 of 1	

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