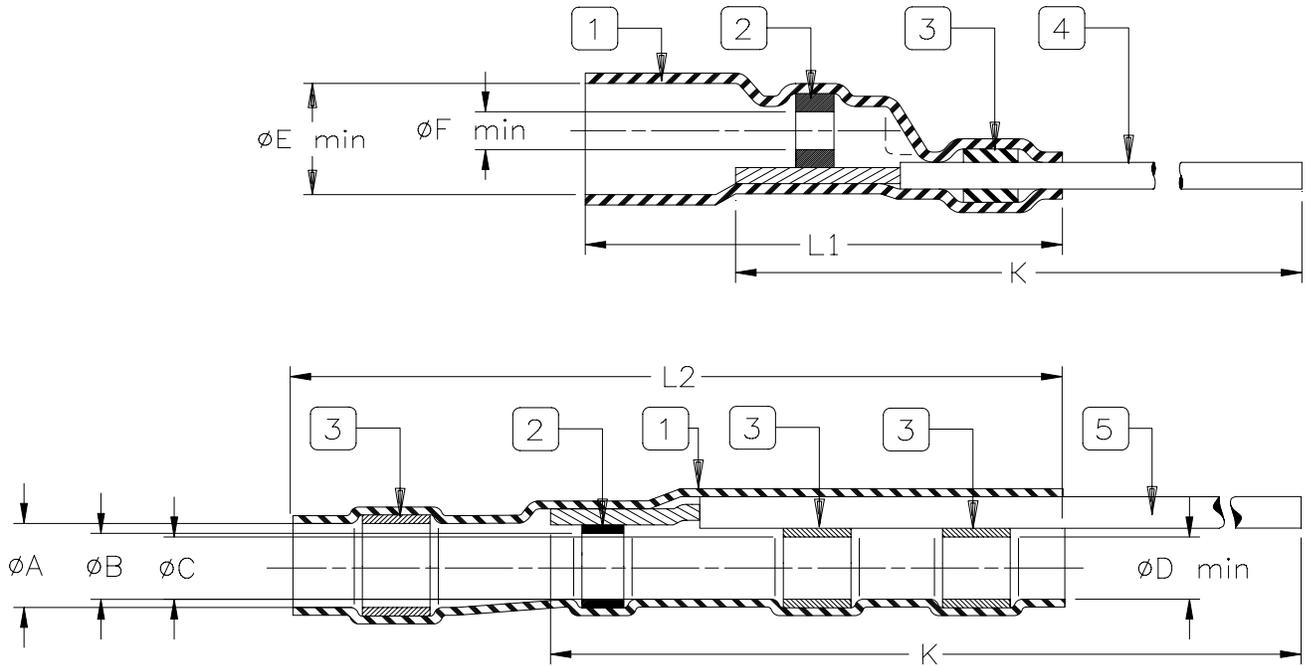


## SPECIFICATION CONTROL DRAWING



PRODUCT REVISION		“GA” = WIRE GAUGE (AWG)									
Product Name		Product Dimensions									
		A min	B min	C min	D min	E min	F min	L1 MAX	L2 MAX	K min	AWG
D-181-1826-6/9	F	3.70	3.20	2.70	2.40	2.30	0.70	17.00	21.5	150	26
D-181-1830-6/9	F	(0.145)	(0.125)	(0.105)	(0.095)	(0.090)	(0.030)	(0.670)	(0.850)	(5.900)	30

### MATERIAL

1. Insulation Sleeve: Heat-shrinkable radiation cross-linked polyvinylidene fluoride. Transparent blue.
2. Solder Preform with Flux: Solder: Sn63 per ANSI J-STD-006  
Flux: ROL1 per ANSI J-STD-004
3. Melttable Rings: Fluorocarbon-based thermoplastic.
4. Conductor Lead: MIL-W-81822/13-GA-9 (White).
5. Ground lead: MIL-W-81822/13-GA-6 (Blue).

### NOTES:

1. These parts are for use in terminating the conductor and shield of a coaxial cable meeting the following criteria:
  - Temperature rating of cable: At least 125°C
  - Plating of Conductor and Shield: Tin or Silver
  - Diameters: Conductor: 0.25 to 0.7 (0.010 to 0.027); Shield: 1.0 to 3.2 (.04 to .125)
  - Jacket: 1.5 to 3.6 (0.060 to 0.140)
2. When installed in accordance with Raychem Process Standard RCPS-200-36 these parts will meet requirements of Raychem Specification RT-1404.

SolderSleeve is a trademark of Tyco Electronics Corporation.

<b>tyco</b> <i>Electronics</i>		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<b>Raychem</b>		TITLE: <b>COAXIAL SOLDERSLLEEVE DEVICE WITH PRE-INSTALLED LEAD</b>				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.						DOCUMENT NO <b>D-181-18GA-6/9</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.		DATE: Mar. 11, 1998		REV: SEE TABLE.		DOC ISSUE: 2
DRAWN BY: R. MAPALO		CAGE CODE: 06090		REPLACES: D18118XX		DCR NUMBER: D980659		SCALE: NONE	SIZE: A	SHEET: 1 of 1

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