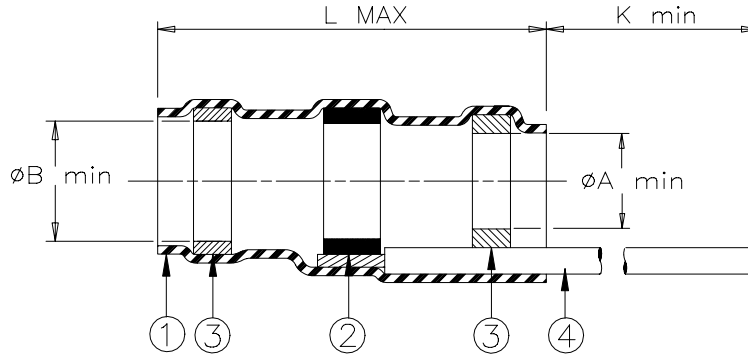


# SPECIFICATION CONTROL DRAWING



Product Revision		'XY' = WIRE GAUGE (AWG)					Cable Dimensions			
		Product Dimensions				AWG	$\phi D$ max	$\phi E$ min	J $\pm 0.5$ (J $\pm 0.02$ )	Color of Item 4
Product Name		L max	$\phi A$ min	$\phi B$ min	K min					
D-103-33	M	20.5 (0.805)	7.00 (0.275)	7.60 (0.300)	150 (5.900)	22	7.00 (0.275)	3.56 (0.140)	7.00 (0.275)	black
D-103-34	N					22				white
D-103-35	M					20				black
D-103-36	M					20				white

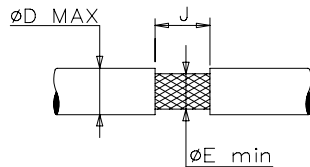
## MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI-J-STD-006.  
FLUX: TYPE ROL1 per ANSI-J-STD-004.  
THERMAL INDICATOR: red.
- MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.
- GROUND LEAD: Raychem 55A0111-XY in accordance with MIL-W-22759/32 AWG 'XY' (see table) stranded tin plated copper. Color: see table.

## APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed, having a tin or silverplated copper shields.
- Temperature range: -55°C to +150°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.

<b>Raychem</b>		THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: <b>SOLDERSLEEVE* DEVICE WITH PRE-INSTALLED LEAD</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				DOCUMENT NO.: <b>D-103-3X</b>			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A  ROUGHNESS IN MICRON	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DCR NUMBER: D981005		REPLACES: D1033X	
DRAWN BY: M. FORONDA	DATE: 06/15/98	PROD. REV. SEE TABLE	DOC ISSUE: 5	SCALE: None	SIZE: A	SHEET: 1 of 1	

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