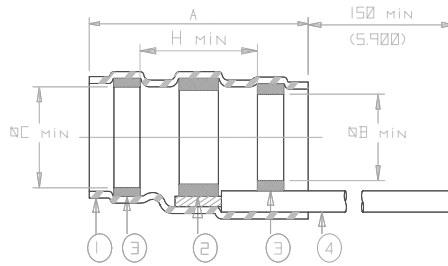


SPECIFICATION CONTROL DRAWING



Product Rev		Product Dimensions				Cable Dimensions				
Product Name		A±1.75 (A±0.07)	8min	C min	H min	E max	F min	G min	D max	J±0.5 (J±0.02)
SO63-1-82-22-90	A	16.5 (0.650)	1.90 (0.070)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	0.50 (0.020)	1.90 (0.077)	7.5 (0.298)
SO63-2-82-22-90	A	16.5 (0.650)	2.65 (0.105)	3.55 (0.140)	8.25 (0.325)	3.55 (0.140)	1.40 (0.055)	0.75 (0.085)	2.65 (0.105)	7.5 (0.295)
SO63-3-82-22-90	A	16.5 (0.650)	4.30 (0.170)	5.00 (0.195)	8.25 (0.325)	5.00 (0.195)	2.15 (0.085)	1.25 (0.050)	4.30 (0.170)	7.5 (0.295)
SO63-4-82-22-90	A	19.7 (0.775)	5.95 (0.235)	6.45 (0.257)	8.25 (0.325)	6.45 (0.255)	3.30 (0.130)	1.80 (0.070)	5.95 (0.235)	7.5 (0.295)
SO63-5-82-22-90	A	19.7 (0.775)	7.00 (0.277)	7.6 (0.300)	8.25 (0.325)	7.6 (0.300)	4.30 (0.170)	2.50 (0.100)	7.00 (0.277)	7.5 (0.295)

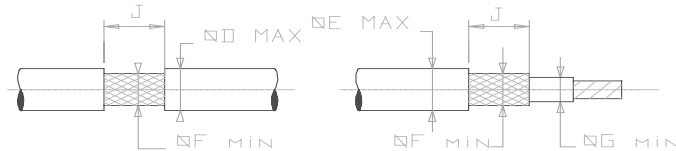
MATERIAL

- Insulation sleeve: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- Solder preform with flux and thermal indicator: Sn63 Pb37 Solder alloy with mildly activated rosin flux.
Thermal indicator, fusible ring: melt. Point: 221°C
- Meltable sealing ring: Environment resistant thermoplastic. color blue.
- Ground lead: Raychem flexline 82A0111, lead gauge and color per part number guide.

APPLICATION

- These parts are designed to provide an environment resistant shield termination on cables, rated for 125°C min. meeting the dimensional criteria listed. Having tin or silverplated shields and insulations compatible with the insert material:
See MIL-S-83519/1 or consult Raychem.
- Temperature range: -55°C to +150°C. Installed using Raychem approved convection or infrared process standard RCPS-100-70 infrared tools are not recommended for use with black jackets.

For best results, prepare the cable as shown



complete part number is defined as follow:



Lead color designation per MIL-STD-681.
White with a single line stripe

Parts shall be noted with identification code per table. "G" is the minimum diameter on which the sleeve will seal.
Unless otherwise specified dimensions are in millimeters.

Raychem		THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: SOLDERSLEEVE* DEVICE WITH PRE-INSTALLED LEAD IMMERSION RESISTANCE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.				DOCUMENT NO: SO63-X-82-22-90			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DCR NUMBER: D980370		REPLACES: SO6382	
DRAWN BY: JRIVERA	DATE: 3/9/98	REV.: SEE TABLE	DOC. ISSUE: 1	SCALE:. NONE	SIZE: A	SHEET: 1 of 1	

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