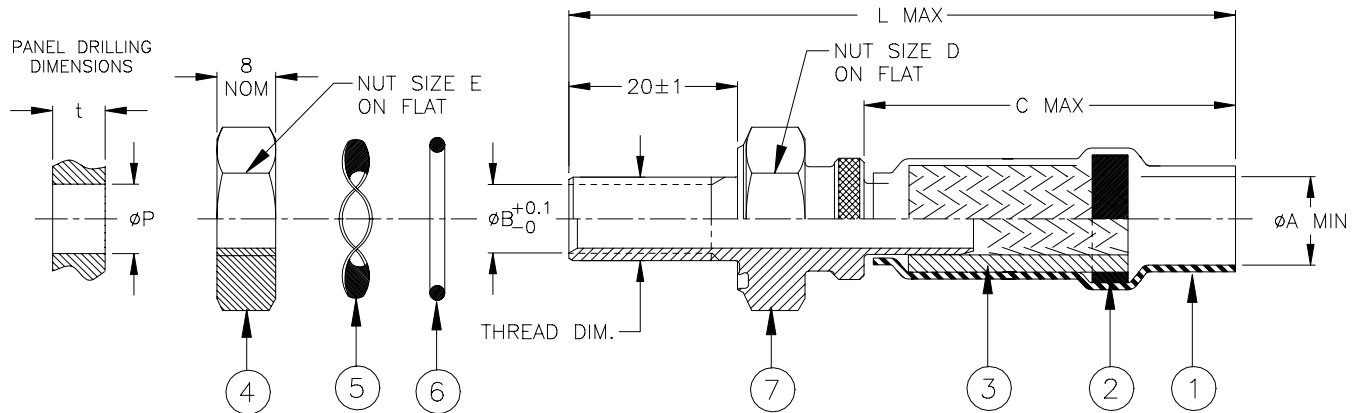


SPECIFICATION CONTROL DRAWING



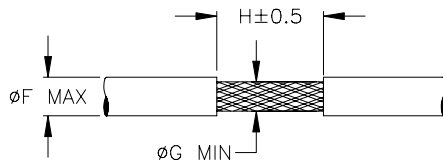
Product Rev		Product Dimensions							Cable Dimensions			Thermofit Boot Ref.	Adhesive Ref.	Panel Drilling		
Product Name		øA min	øB	C max	Nut Size D E		L max	Thread Dim.	øF max	øG min	H±0.5			t min	max	øP
B-070-73	A	6.6	7.5	33	19	19	72	M10 x 0.75	6.6	2.5	30	202W232-100/180	S1030	3	11	ø10.5 H12
B-070-74	L	8.2	7.5	33	19	19	71	M10 x 0.75	7.5	3.8	20	202K132	S1030	3	11	ø10.5 H12
B-070-75	H	13	12	37.5	27	27	76	M16 x 1.00	12	5.5	30	202K142	S1030	3	11	ø16.5 H12
B-070-76	H	18	17	45	32	32	82	M20 x 1.00	17	8	40	202K153	S1030	3	18	ø21 H12
B-070-77	L	27	26	73.5	46	36	110	M30 x 1.50	26	13	50	202K163	S1030	3	11	ø31 H12
B-070-78	A	30	30	79	50	41	129	M36 x 1.50	29	22	60	202K174	S1030	3	11	ø36.5 H12

MATERIALS

- INSULATION TUBING : Heat-shrinkable, radiation cross-linked polyolefin. Color: clear.
- SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn63 per ANSI/J-STD-006.
FLUX: TYPE ROM1 per ANSI/J-STD-004.
- SHIELD: Solder impregnated, flux coated tin copper braid.
SOLDER: TYPE Sn63 per ANSI/J-STD-006.
FLUX: TYPE ROM1 per ANSI/J-STD-004.
- NUT: Stainless steel 303S21 coated with nickel alloy plating 25µ to 30µ conforming to Defense Standard 03-5.
- CRINKLE WASHER: Stainless steel 301S21 crinkle washer conforming to BS4463.
- O-RING: Nitrile, dimensions in accordance with the requirements of BS 4518/1974.
- THREADED BODY: Stainless steel 303S21 coated with nickel alloy plating 25µ to 30µ conforming to Defense Standard 03-5.

APPLICATION

- These Feed-thru devices are designed to provide a high reliability water-resistant connection for a shielded or coaxial cable passing through a bulkhead or into equipment, when used with Thermofit boot and adhesive shown in the table.
- Temperature range: -55°C to +150°C, without boot or adhesive.
- For installation, see RPIP-651-10.
- Cable dimensions:



tyco Electronics		Raychem Products 305 Constitution Drive, Menlo Park, CA. 94025, USA		TITLE: FEED-THRU DEVICES				
Unless otherwise specified dimensions are in millimeters.					DOCUMENT NO.: B-070-7X			
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.			PROD. REV.: SEE TABLE	DOC. ISSUE: 3	DATE: 20-Nov-02	
PREPARED BY: mforonda		DCR NUMBER: D020539		REPLACES: D010268		SCALE: None	SIZE: A	SHEET: 1 of 1

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