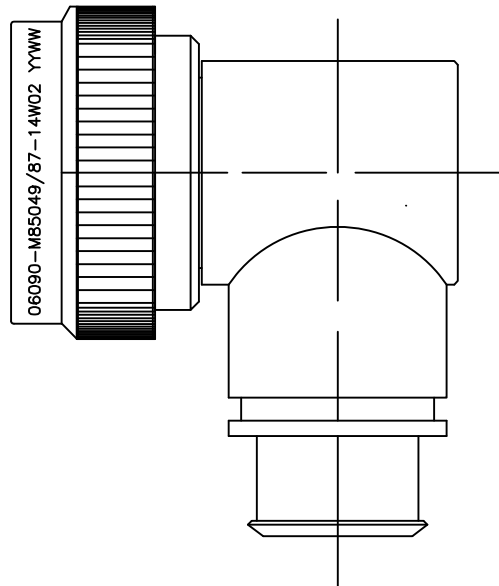


REVISION			
REV	DESCRIPTION	DATE	APPROVED
A2	REVISED PER ECO-15-003976	3/13/15	I. MYONG



SELF-LOCKING SHIELD BAND TERMINATION SHRINK BOOT ACCOMMODATION 90° ADAPTER

NOTES

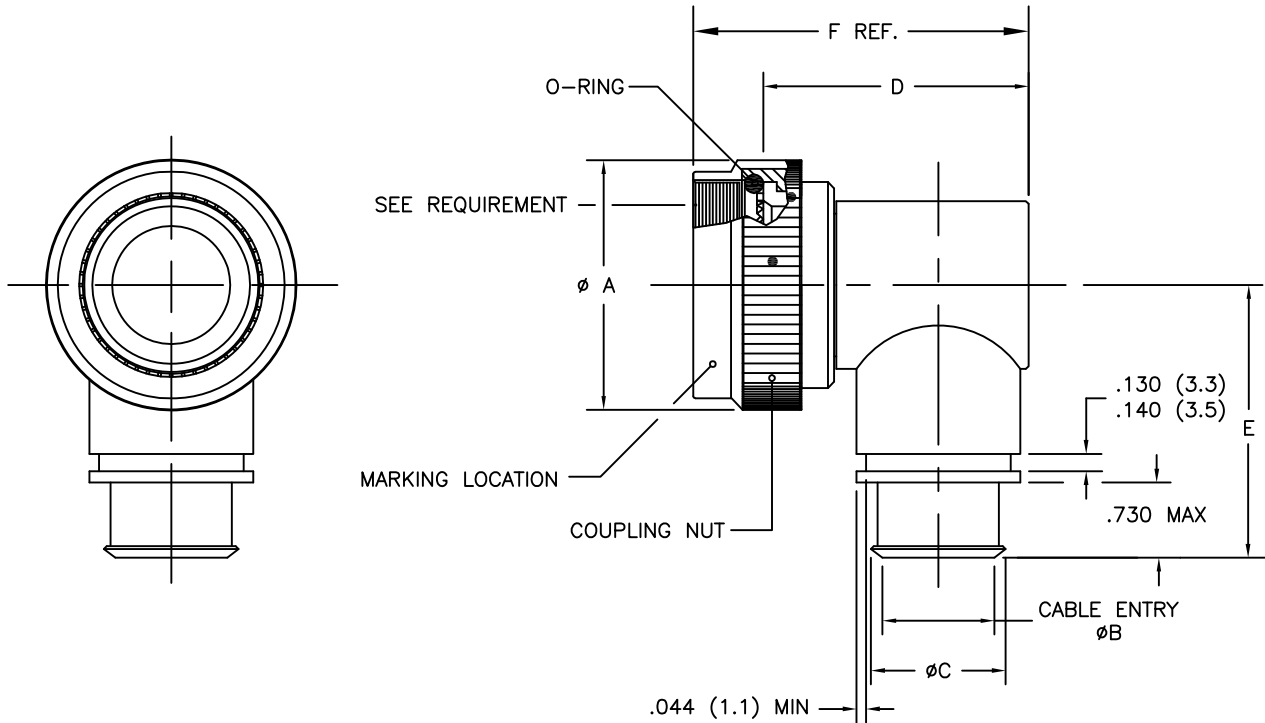
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE REQUIREMENT OF AS85049/87.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/87 DESIGNATION e.g. M85049/87-14W02.
3. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING.
4. THIS ADAPTER MATES TO CONNECTOR MIL-DTL-38999 SERIES I AND MIL-DTL-38999 SERIES II.
5. FOR MATERIAL AND FINISH INFORMATION REFER TO R85049.
FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.

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Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.		 TE Connectivity	
DECIMALS:	.000 ± .005 .00 ± .01 .0 ± .1	ANGLES:	± 1°
TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANYTIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.		TITLE: BACKSHELL, 90°, SELF-LOCKING SHIELD BAND TERMINATION, SHRINK BOOT ACCOMMODATION, CATEGORY 3B	
		DRAWING NO: R85049/87	
DRAWN: T. NGUYEN	CAD FILE: R85049-87_CD.dwg	CAGE CODE: 06090	RPN: N/A
		SIZE: A	SCALE: 1:1
		THIRD ANGLE PROJ.	SHEET: 1_OF_3

PART NUMBERING

	R85049/87	-	14	W	02
- SPECIFICATION SHEET					
- CONFIGURATION:					
- (DASH) DETENTED SELF-LOCKING					
- ORDER NO.					
- FINISH					
- ENTRY SIZE					

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		DRAWING NO:			
		R85049/87			
CAD FILE:	CAGE CODE:	RPN:	SIZE:	SCALE:	THIRD ANGLE PROJ.
R85049-87_CD.DWG	06090	N/A	A	1:1	2_OF_3

TABLE I – SHELL SIZE AND DIMENSIONS

ORDER NUMBER	SHELL SIZE		øA MAX	øB ±.010 ENTRY SIZE		øC REF	
	SERIES I	SERIES II		O2	O3	O2	O3
8	9	8	.86 (21.8)	N/A	.25 (6.4)	N/A	.39 (10.0)
10	11	10	.98 (25.0)	N/A	.31 (7.9)	N/A	.46 (11.6)
12	13	12	1.16 (29.4)	.31 (7.9)	.44 (11.1)	.46 (11.6)	.58 (14.8)
14	15	14	1.28 (32.5)	.44 (11.1)	.56 (14.3)	.59 (14.8)	.71 (18.0)
16	17	16	1.41 (35.7)	.50 (12.7)	.62 (15.9)	.64 (16.4)	.77 (19.6)
18	19	18	1.52 (38.5)	.62 (15.9)	.75 (19.1)	.77 (19.6)	.89 (22.7)
20	21	20	1.64 (41.7)	.62 (15.9)	.81 (20.6)	.77 (19.6)	.96 (24.3)
22	23	22	1.77 (44.9)	.69 (17.5)	.94 (23.8)	.83 (21.1)	1.08 (27.5)
24	25	24	1.89 (48.0)	.75 (19.1)	1.00 (25.4)	.89 (22.7)	1.14 (29.1)

ORDER NUMBER	SHELL SIZE		TABLE I – SHELL SIZE AND DIMENSIONS (CONTINUED)		
	SERIES I	SERIES II	D MAX	E MAX	F (REF)
8	9	8	1.37 (34.9)	1.42 (36.0)	1.56 (39.7)
10	11	10	1.44 (36.5)	1.48 (37.6)	1.62 (41.3)
12	13	12	1.56 (39.7)	1.55 (39.4)	1.75 (44.5)
14	15	14	1.69 (42.8)	1.61 (41.0)	1.87 (47.6)
16	17	16	1.75 (44.4)	1.68 (42.6)	1.94 (49.2)
18	19	18	1.87 (47.6)	1.77 (45.0)	2.06 (52.4)
20	21	20	1.94 (49.2)	1.79 (45.6)	2.13 (54.0)
22	23	22	2.06 (52.4)	1.86 (47.2)	2.25 (57.2)
24	25	24	2.12 (54.0)	1.92 (48.7)	2.31 (58.8)

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 TE Connectivity		DRAWING NO: R85049/87					
CAD FILE: R85049-87_CD.DWG	CAGE CODE: 06090	RPN: N/A	SIZE: A	SCALE: 	THIRD ANGLE PROJ. 	SHEET: 3_OF_3	