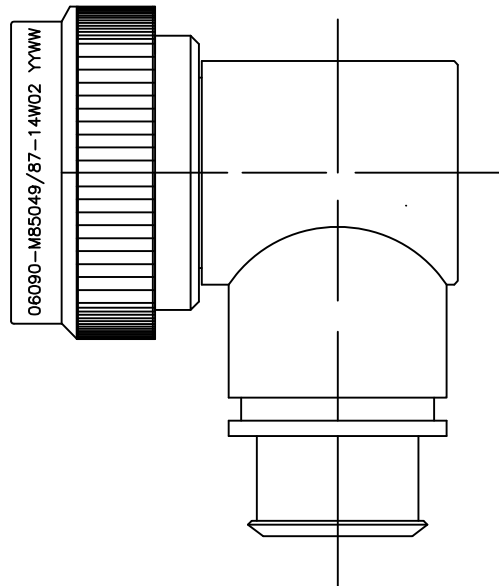


REVISION			
REV	DESCRIPTION	DATE	APPROVED
A2	REVISED PER ECO-15-003976	3/13/15	I. MYONG



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

NOTES

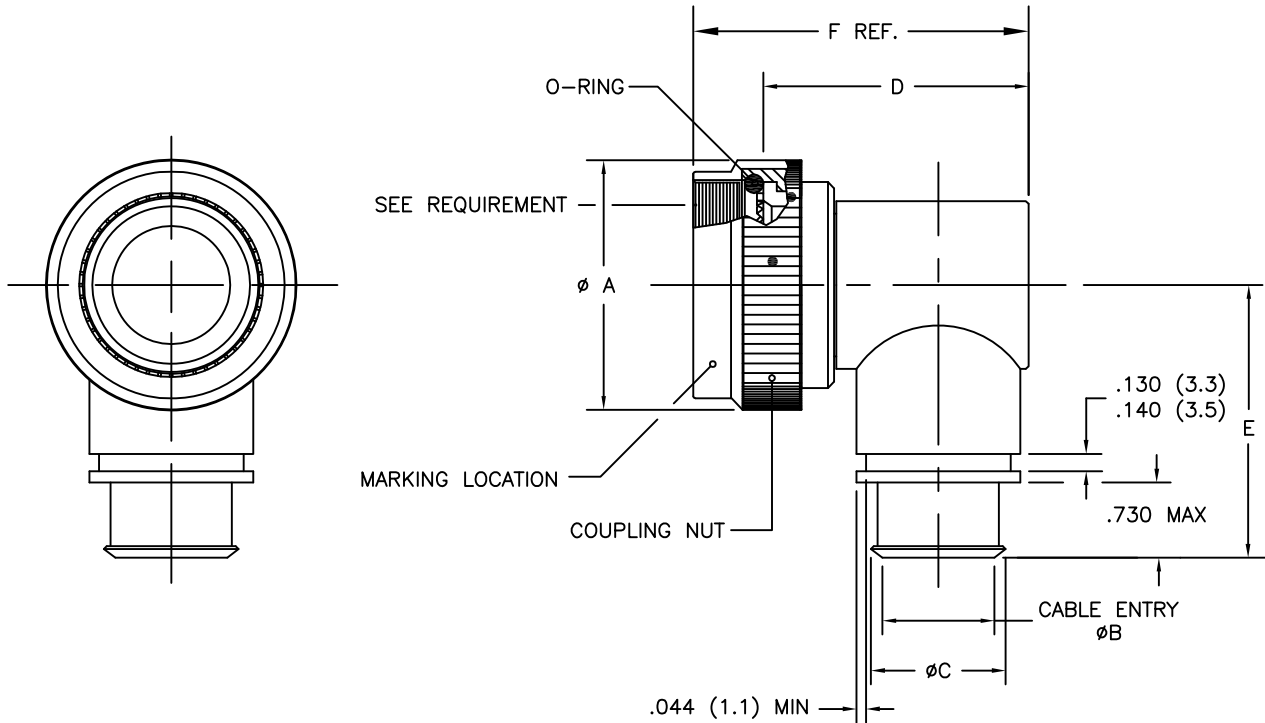
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE REQUIREMENT OF AS85049/87.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/87 DESIGNATION e.g. M85049/87-14W02.
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.

If this document is printed it becomes uncontrolled. Check for the latest revision

© 2015 Tyco Electronics Corporation. All rights reserved.

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					

If this document is printed it becomes uncontrolled. Check for the latest revision

© 2015 Tyco Electronics Corporation. All rights reserved. Raychem Adapters
CUSTOMER DRAWING

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

If this document is printed it becomes uncontrolled. Check for the latest revision

© 2015 Tyco Electronics Corporation. All rights reserved. Raychem Adapters
CUSTOMER DRAWING

 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	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[R85049/87-10Z03](#) [R85049/87-22Z03](#) [R85049/87-24Z03](#) [R85049/87-08Z03](#) [R85049/87-14Z02](#) [R85049/87-20Z02](#)
[R85049/87-24Z02](#) [R85049/87-12Z02](#) [R85049/87-12Z03](#) [R85049/87-16Z02](#) [R85049/87-20Z03](#) [R85049/87-16Z03](#)
[R85049/87-22Z02](#) [R85049/87-14Z03](#) [R85049/87-18Z02](#) [R85049/87-18Z03](#)