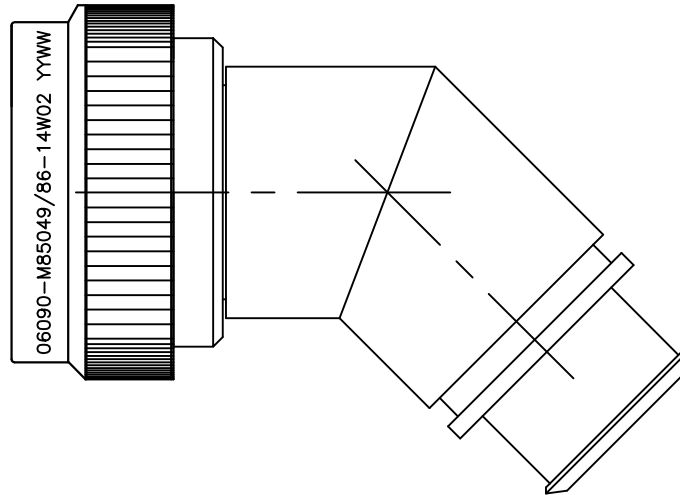


REVISION			
REV	DESCRIPTION	DATE	APPROVED
A2	REVISED PER ECO-15-003975	3/13/15	I. MYONG



SELF-LOCKING SHIELD BAND TERMINATION SHRINK BOOT ACCOMMODATION 45° ADAPTER

NOTES

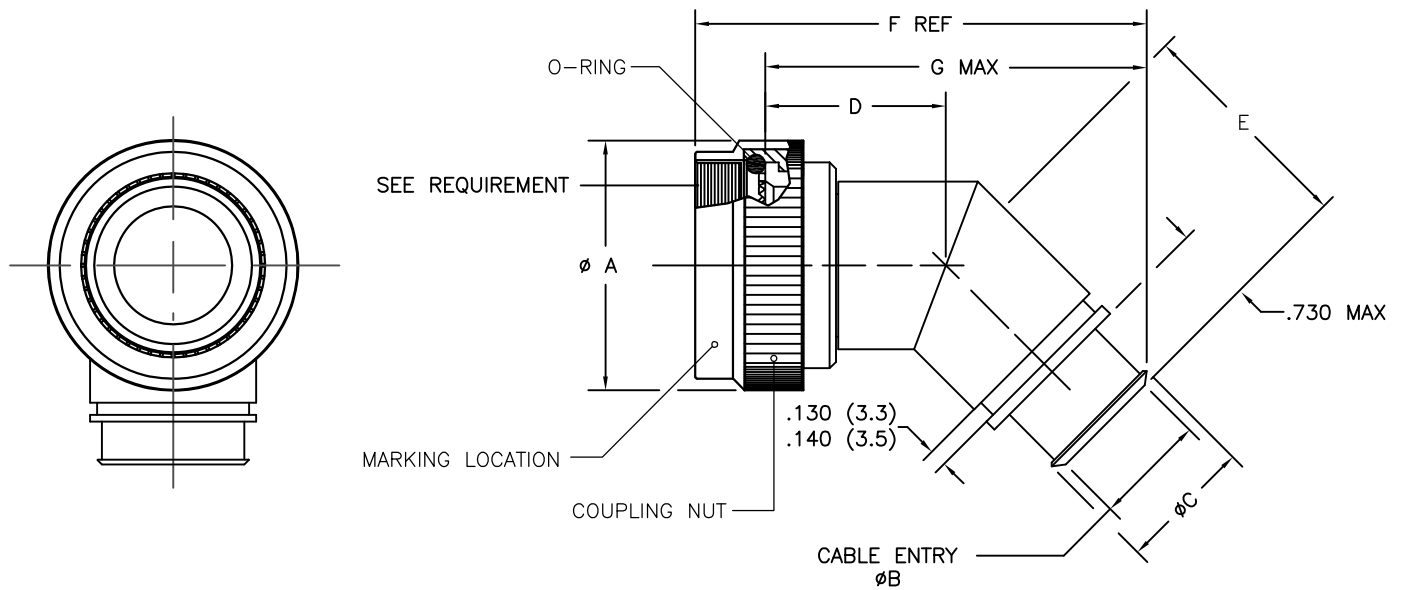
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE REQUIREMENT OF AS85049/86.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/86 DESIGNATION e. g. M85049/86-14W02.
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, 45°, SELF-LOCKING SHIELD BAND TERMINATION, SHRINK BOOT ACCOMMODATION, CATEGORY 3B	
		DRAWING NO: R85049/86	
DRAWN: T. NGUYEN	CAD FILE: R85049-86_CD.dwg	CAGE CODE: 06090	RPN: N/A
	SIZE: A	SCALE: 1:1	THIRD ANGLE PROJ. 
			SHEET: 1_OF_3

PART NUMBERING

	R85049/86	-	14	W	02
- SPECIFICATION SHEET					
- CONFIGURATION:					
- (DASH) DETENTED SELF-LOCKING					
- ORDER NO.					
- FINISH					
- ENTRY SIZE					

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CUSTOMER DRAWING

		DRAWING NO:			
		R85049/86			
CAD FILE:	CAGE CODE:	RPN:	SIZE:	SCALE:	THIRD ANGLE PROJ.
R85049-86_CD.DWG	06090	N/A	A	1:1	2_OF_3

ORDER NUMBER	CONNECTOR SHELL SIZE		TABLE I – SHELL SIZE AND DIMENSIONS				
			øA MAX	øB ±.010 ENTRY SIZE		øC REF	
	SERIES I	SERIES II		O1	O2	O1	O2
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)	.58 (14.8)	.71 (18.0)
16	17	16	1.41 (35.7)	.50 (12.7)	.63 (15.9)	.65 (16.4)	.77 (19.6)
18	19	18	1.52 (38.5)	.63 (15.9)	.75 (19.1)	.77 (19.6)	.89 (22.7)
20	21	20	1.64 (41.7)	.63 (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)	1.15 (29.1)

ORDER NUMBER	CONNECTOR SHELL SIZE		TABLE I – SHELL SIZE AND DIMENSIONS (CONTINUES)					
			D MAX	E MAX	F (REF)		G MAX	
	SERIES I	SERIES II			O2	O3	O2	O3
8	9	8	.87 (22.1)	1.16 (29.5)	1.88 (47.7)	2.02 (51.3)	1.69 (42.9)	1.83 (46.5)
10	11	10	.90 (22.7)	1.19 (30.2)	1.93 (49.0)	2.09 (53.1)	1.74 (44.2)	1.90 (48.3)
12	13	12	.92 (23.4)	1.21 (30.7)	2.13 (54.1)	2.17 (55.1)	1.94 (49.3)	1.98 (50.3)
14	15	14	.95 (24.1)	1.24 (31.5)	2.22 (56.4)	2.27 (57.6)	2.03 (51.6)	2.08 (52.8)
16	17	16	.98 (24.9)	1.26 (32.0)	2.29 (58.2)	2.33 (59.2)	2.10 (53.3)	2.14 (54.4)
18	19	18	.98 (24.9)	1.27 (32.3)	2.34 (59.4)	2.38 (60.5)	2.15 (54.6)	2.19 (55.6)
20	21	20	1.01 (25.6)	1.30 (33.0)	2.39 (60.7)	2.46 (62.5)	2.20 (55.9)	2.27 (57.7)
22	23	22	1.04 (26.4)	1.33 (33.8)	2.46 (62.5)	2.55 (64.8)	2.28 (57.9)	2.36 (59.9)
24	25	24	1.07 (27.2)	1.35 (34.3)	2.53 (64.3)	2.62 (66.5)	2.34 (59.4)	2.43 (61.7)

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CUSTOMER DRAWING

			DRAWING NO:				
TE Connectivity			R85049/86				
CAD FILE:	CAGE CODE:	RPN:	SIZE:	SCALE:	THIRD ANGLE PROJ.	SHEET:	
R85049-86_CD.DWG	06090	N/A	A			3_OF_3	

Mouser Electronics

Authorized Distributor

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

TE Connectivity:

[R85049/86-24Z02](#) [R85049/86-22Z02](#) [R85049/86-18Z03](#) [R85049/86-12Z03](#) [R85049/86-14Z02](#) [R85049/86-20Z03](#)
[R85049/86-16Z02](#) [R85049/86-20Z02](#) [R85049/86-10Z03](#) [R85049/86-16Z03](#) [R85049/86-24Z03](#) [R85049/86-12Z02](#)
[R85049/86-18Z02](#) [R85049/86-22Z03](#) [R85049/86-08Z03](#) [R85049/86-14Z03](#)