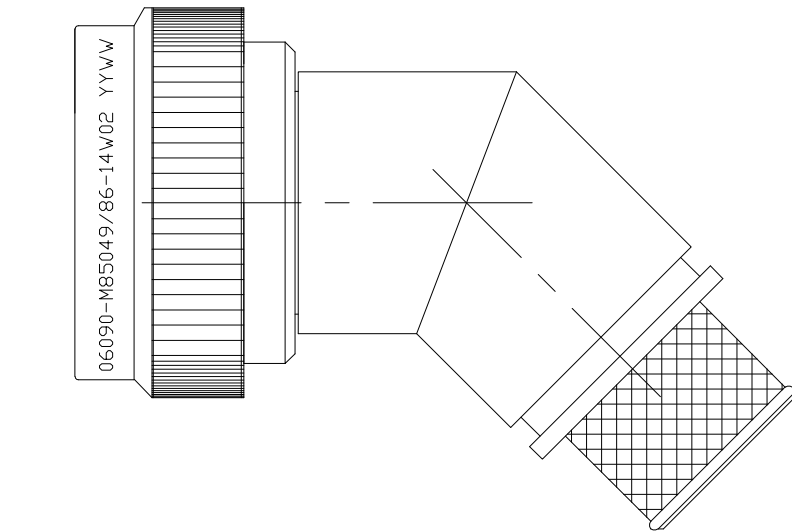
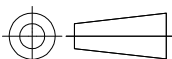


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REV PER ECO 17-004919	6-6-17	CT	EH

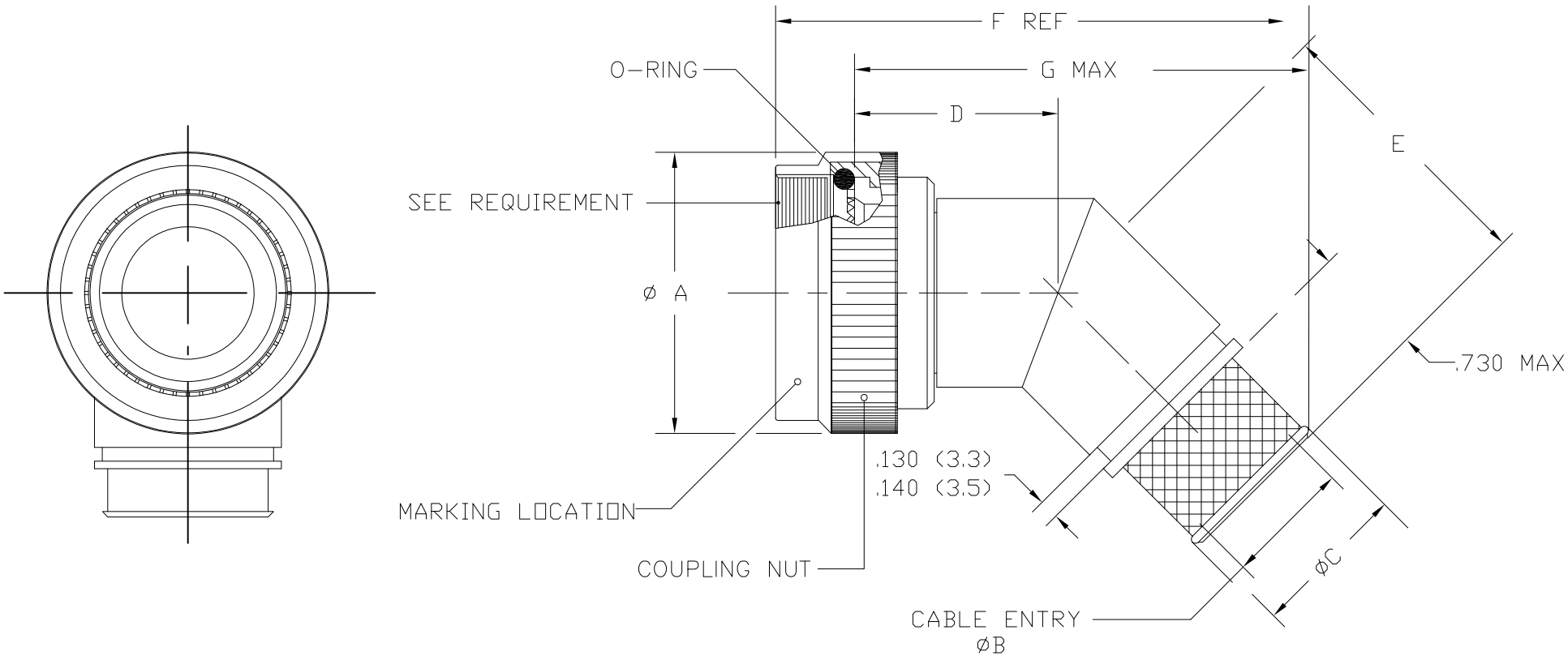


SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION 45°
ADAPTER

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 06JUN2017		 TE Connectivity						
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		CHK E.HALEY 6-6-17		NAME BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND TERMINATION, SHRINK BOOT ADAPTER -				
				APVD E.HALEY 6-6-17						
		PRODUCT SPEC -		SIZE				CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC -		A3				06090		C-R85049/86
		WEIGHT 0								
MATERIAL -		FINISH -		CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 3	REV C

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



PART NUMBERING



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 06JUN2017	TE Connectivity		
		CHK E.HALEY 6-6-17			
		APVD E.HALEY 6-6-17	NAME BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND TERMINATION, SHRINK BOOT ADAPTER		
		PRODUCT SPEC			
		APPLICATION SPEC			
		WEIGHT —	SIZE A3	CAGE CODE 06090	RESTRICTED TO —
		CUSTOMER DRAWING	SCALE NTS	SHEET 2 OF 3	REV C

4

3

2

1

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RELEASED FOR PUBLICATION

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REVISIONS

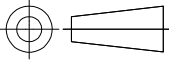
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

ORDER NUMBER	CONNECTOR SHELL SIZE		TABLE I — SHELL SIZE AND DIMENSIONS				
			ØA MAX	ØB ±.010 ENTRY SIZE		ØC REF	
	SERIES	SERIES		Ø1	Ø2	Ø1	Ø2
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	SERIES					Ø2	Ø3
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)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL

—

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± —

4 PLC ± —

ANGLES ± —

FINISH

—

DWN
C.C.THOMAS
CHK
E.HALEY
APVD
E.HALEY
PRODUCT SPEC
—
APPLICATION SPEC
—
WEIGHT
—

06JUN2017
6-6-17
6-6-17

STE

TE Connectivity

NAME

BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND
TERMINATION, SHRINK BOOT ADAPTER

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

CUSTOMER DRAWING

SCALE

SHEET

REV

A306090

C=R85049/86

NTS

3 OF 3

C

1470-19 (1/15)