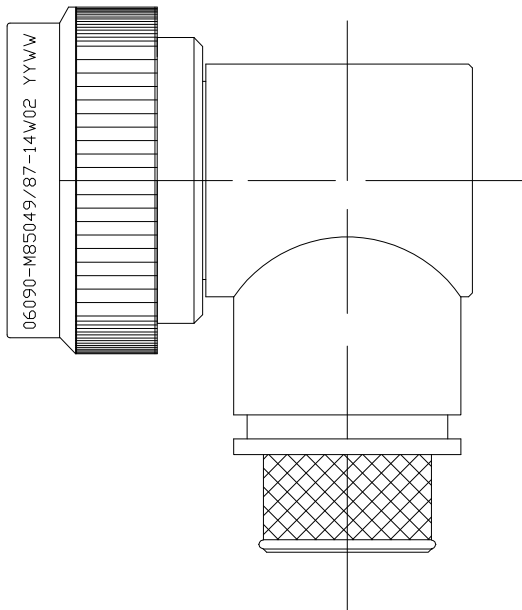

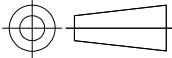


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REV PER ECO 17-004924	6-6-17	CT	EH

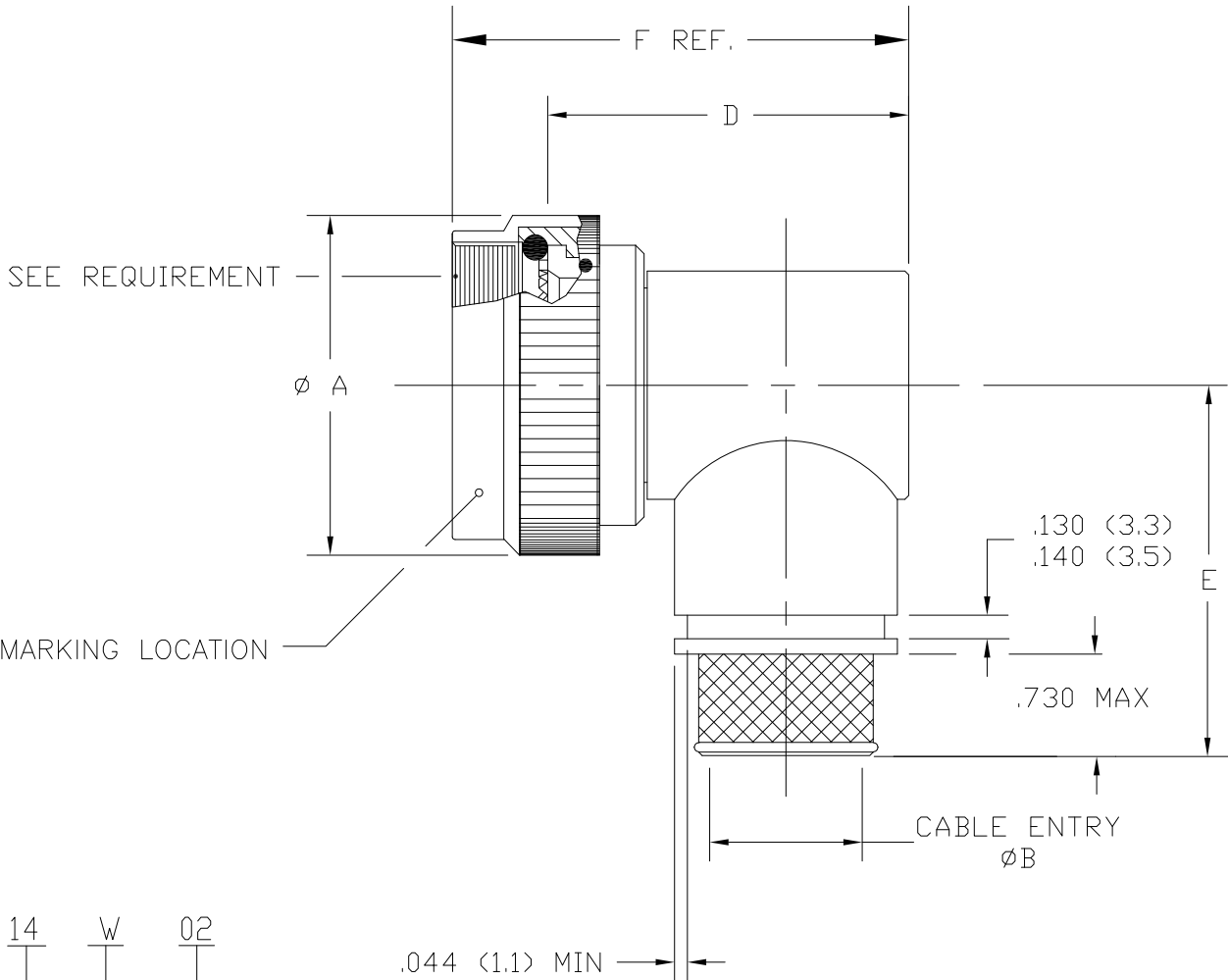
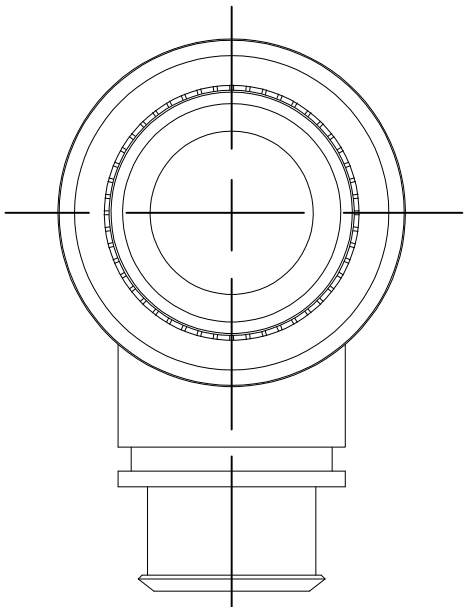


SELF-LOCKING  
SHIELD BAND TERMINATION  
SHRINK BOOT ACCOMMODATION 90°  
ADAPTER

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 AS85049/87.
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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 06JUN2017	 TE Connectivity				
		CHK E.HALEY 6-6-17					
DIMENSIONS: INCHES	<div>TOLERANCES UNLESS OTHERWISE SPECIFIED:</div> <div>0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -</div>	APVD E.HALEY 6-6-17	NAME  BACKSHELL, 90° SHRINK BOOT ADAPTER, SHIELD BAND TERMINATION  -				
		PRODUCT SPEC  -					
MATERIAL  -		APPLICATION SPEC  -	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
		WEIGHT 0	A3	00779	C-R85049/87		-
		CUSTOMER DRAWING			SCALE NTS	SHEET 1 OF 3	REV C

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



PART NUMBERING

R85049/87 - 14 W 02

- SPECIFICATION SHEET
- CONFIGURATION:
  - (DASH) DETENTED SELF-LOCKING
- ORDER NO.
- FINISH
- ENTRY SIZE

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  
6JUN2017

CHK  
E.HALEY  
6-6-17

APVD  
E.HALEY  
6-6-17

PRODUCT SPEC

APPLICATION SPEC

WEIGHT —

CUSTOMER DRAWING

TE Connectivity

NAME  
BACKSHELL, 90° SHRINK BOOT ADAPTER,  
SHIELD BAND TERMINATION

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-R85049/87

RESTRICTED TO  
—

SCALE  
NTS

SHEET  
2 OF 3

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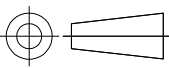
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —  
1 PLC ± —  
2 PLC ± —  
3 PLC ± —  
4 PLC ± —  
ANGLES ± —  
FINISH —

MATERIAL

—

DWN  
C.C.THOMAS  
06JUN2017

CHK  
E.HALEY  
6-6-17


APVD  
E.HALEY  
6-6-17

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

TE Connectivity

NAME  
BACKSHELL, 90° SHRINK BOOT ADAPTER,  
SHIELD BAND TERMINATION

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-R85049/87

RESTRICTED TO  
—

SCALE  
NTS

SHEET  
3 OF 3

REV  
C

# Mouser Electronics

Authorized Distributor

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[R85049/87-08N03](#)