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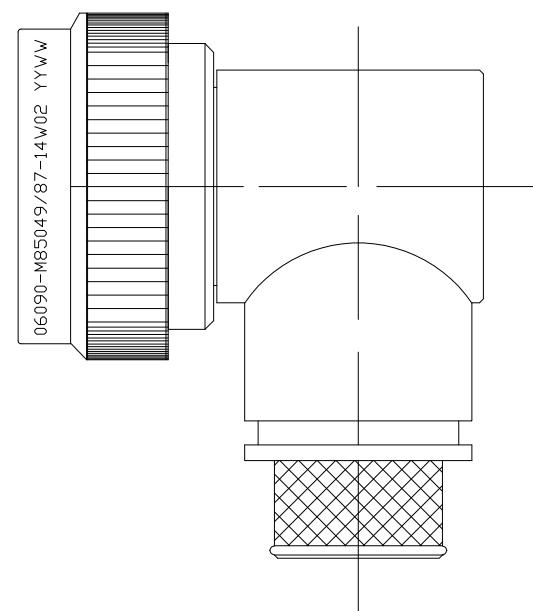
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REVISIONS

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.

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DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:



0	PLC	± -
1	PLC	± -
2	PLC	± -
3	PLC	± -
4	PLC ANGLES	± -

MATERIAL

-

FINISH

-

DWN
C.C.THOMAS
CHK
E.HALEYAPVD
E.HALEY

PRODUCT SPEC

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APPLICATION SPEC

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WEIGHT

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CUSTOMER DRAWING

CUSTOMER DRAWING

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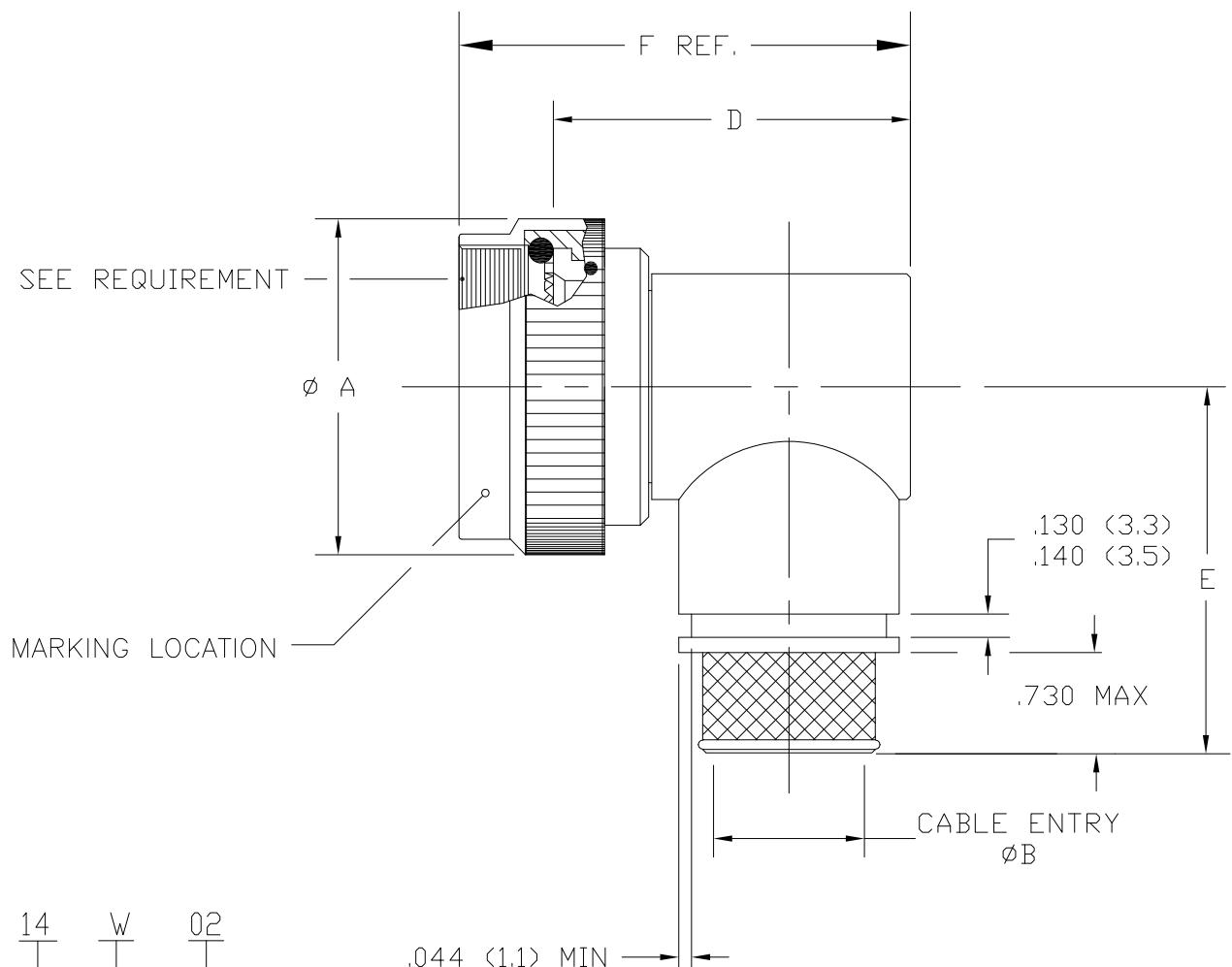
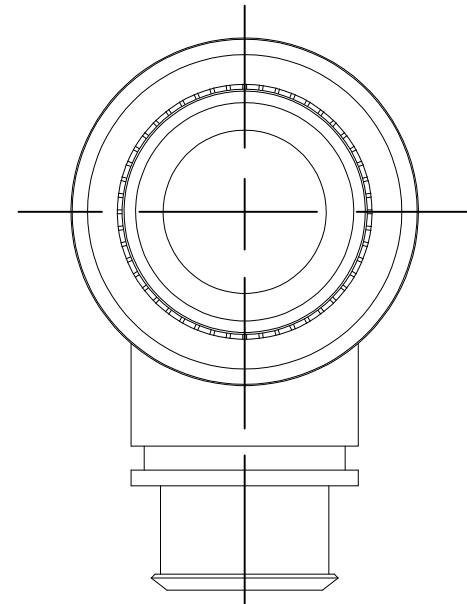
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REVISIONS

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

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DIMENSIONS:

INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

± -

0

PLC

± -

1

PLC

± -

2

PLC

± -

3

PLC

± -

4

PLC

± -

ANGLES

± -

MATERIAL

-

FINISH

-

DWN 06JUN2017
C.C.THOMAS
CHK 6-6-17
E.HALEYAPVD 6-6-17
E.HALEY

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—



TE Connectivity

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

—

SIZE CAGE CODE DRAWING NO
A3 00779 C-R85049/87

RESTRICTED TO

SCALE NTS SHEET 2 OF 3 REV C

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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)

TABLE I - SHELL SIZE AND DIMENSIONS (CONTINUED)

ORDER NUMBER	SHELL SIZE		D MAX	E MAX	F (REF)
	SERIES I	SERIES II			
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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DIMENSIONS:
INCHESTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC ANGLES	± -

MATERIAL

FINISH

WEIGHT

CUSTOMER DRAWING

DWN
C.C.THOMAS
CHK
E.HALEY06JUN2017
6-6-17APVD
E.HALEY

6-6-17

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—



TE Connectivity

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

—

SIZE
A3
CAGE CODE
00779
DRAWING NO
R85049/87
RESTRICTED TO
—SCALE
NTS
SHEET
3 OF 3
REV
C

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[R85049/87-20W03](#)