

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

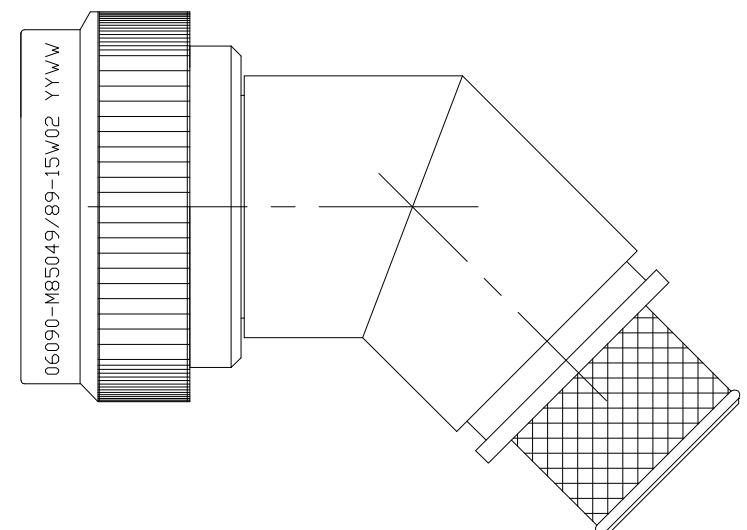
-,-

ALL RIGHTS RESERVED.

(C) COPYRIGHT - TE Connectivity

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
C		REV PER ECO 17-004921	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 AS85049/89.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/89 DESIGNATION e. g. M85049/89-15W02.
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 III AND MIL-DTL-38999 SERIES IV.
5. FOR MATERIAL AND FINISH INFORMATION REFER TO R85049.
FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC ANGLES	± -

MATERIAL

-

FINISH	WEIGHT
-	0

DWN

C.C.THOMAS

CHK

E.HALEY

APVD

E.HALEY

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

0

CUSTOMER DRAWING

06JUN2017

6-6-17

6-6-17

6-6-17

—

—

—

—

—

—

—

—

—



TE Connectivity

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

—

SIZE
A3CAGE CODE
06090DRAWING NO
C-R85049/89RESTRICTED TO
—SCALE
NTSSHEET
1 OF 3REV
C

THIS DRAWING IS UNPUBLISHED.

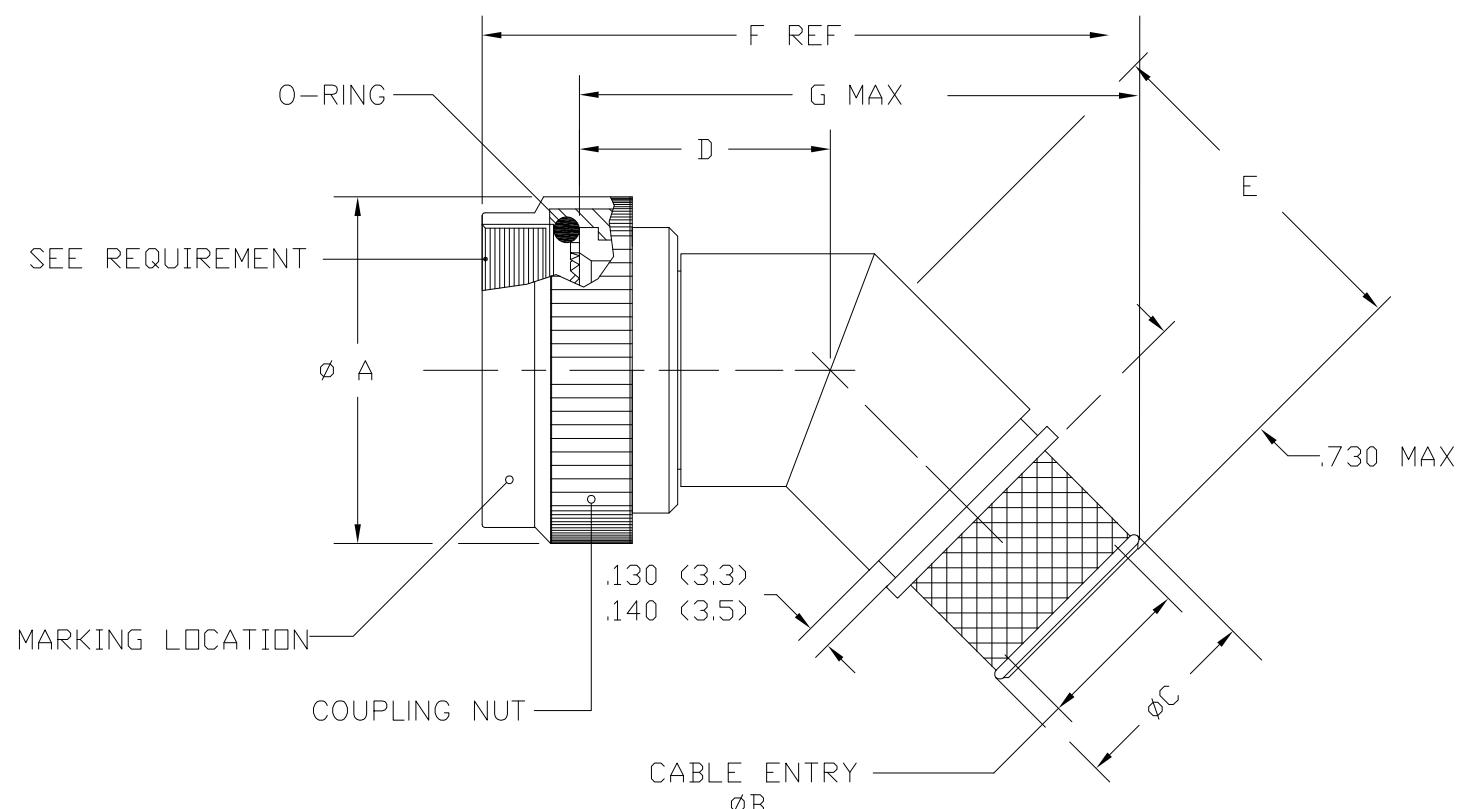
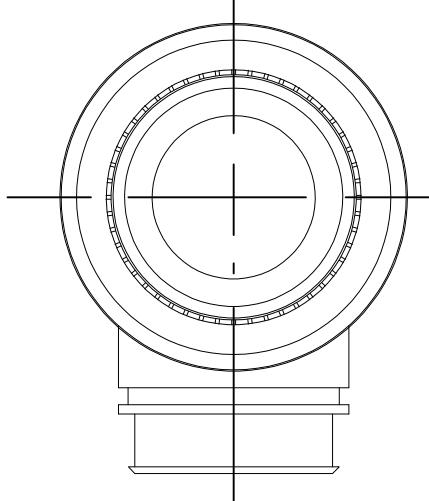
RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

© COPYRIGHT - TE Connectivity

REVISIONS

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



PART NUMBERING

R85049/89 - 15 W 02

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	\pm -
1 PLC	\pm -
2 PLC	\pm -
3 PLC	\pm -
4 PLC ANGLES	\pm -

MATERIAL

-

FINISH

-

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

6-6-17

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—



TE Connectivity

NAME
BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND
TERMINATION, SHRINK BOOT ADAPTERSIZE
A3
CAGE CODE
06090
DRAWING NO
C-R85049/89
RESTRICTED TOSCALE
NTS
SHEET
2 OF 3
REV
C

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

-,-

ALL RIGHTS RESERVED.

© COPYRIGHT - TE Connectivity

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	
				Ø2	Ø3
9	A	.86 (21.8)	N/A	.25 (6.4)	N/A
11	B	.98 (25.0)	N/A	.31 (7.9)	N/A
13	C	1.16 (29.4)	.31 (7.9)	.44 (11.1)	.46 (11.6)
15	D	1.28 (32.5)	.44 (11.1)	.56 (14.3)	.58 (14.8)
17	E	1.41 (35.7)	.50 (12.7)	.62 (15.9)	.64 (16.4)
19	F	1.52 (38.5)	.62 (15.9)	.75 (19.1)	.77 (19.6)
21	G	1.64 (41.7)	.62 (15.9)	.81 (20.6)	.77 (19.6)
23	H	1.77 (44.9)	.69 (17.5)	.94 (23.8)	.83 (21.1)
25	J	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	G MAX		F REF	
				02	03	02	03
9	A	1.01 (25.7)	1.16 (29.5)	N/A	1.97 (50.0)	N/A	2.22 (56.3)
11	B	1.03 (26.2)	1.19 (30.2)	N/A	2.03 (51.6)	N/A	2.28 (57.9)
13	C	1.06 (26.9)	1.21 (30.7)	2.08 (52.8)	2.12 (53.9)	2.33 (59.1)	2.37 (60.2)
15	D	1.08 (27.4)	1.24 (31.5)	2.16 (54.9)	2.21 (56.1)	2.41 (61.2)	2.46 (62.4)
17	E	1.11 (28.2)	1.26 (32.0)	2.23 (56.6)	2.27 (57.7)	2.48 (62.9)	2.52 (64.0)
19	F	1.12 (28.4)	1.27 (32.3)	2.29 (58.2)	2.33 (59.3)	2.54 (64.5)	2.58 (65.6)
21	G	1.15 (29.2)	1.30 (33.0)	2.34 (59.5)	2.41 (61.2)	2.59 (65.8)	2.66 (67.5)
23	H	1.17 (29.7)	1.33 (33.8)	2.40 (61.1)	2.49 (63.3)	2.65 (67.4)	2.74 (69.6)
25	J	1.20 (30.5)	1.35 (34.3)	2.47 (62.8)	2.56 (65.0)	2.72 (69.1)	2.81 (71.3)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL

FINISH

-

-

DWN 06JUN2017
C.C.THOMASCHK 6-6-17
E.HALEYAPVD 6-6-17
E.HALEY

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—



TE Connectivity

NAME
BACKSHELL, 45°, SELF-LOCKING, SHIELD BAND
TERMINATION, SHRINK BOOT ADAPTERSIZE CAGE CODE DRAWING NO
A3 06090 C-R85049/89 RESTRICTED TO

CUSTOMER DRAWING SCALE NTS SHEET 3 OF 3 REV C

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[R85049/89-25W03](#)