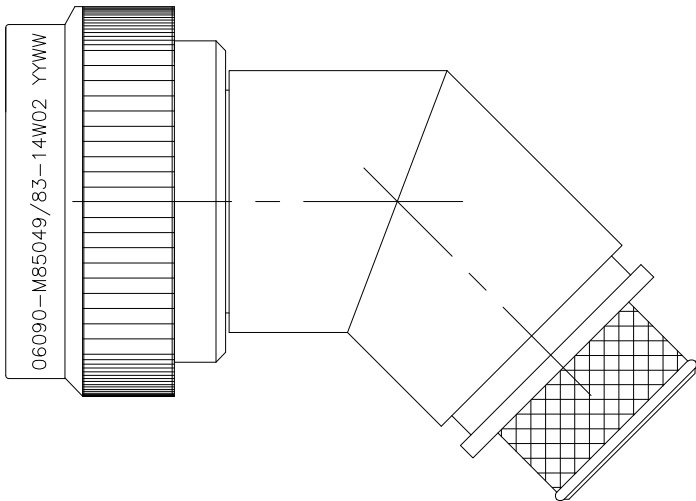
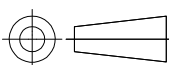


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REV PER ECO 17-004918	5-31-17	CT	EH

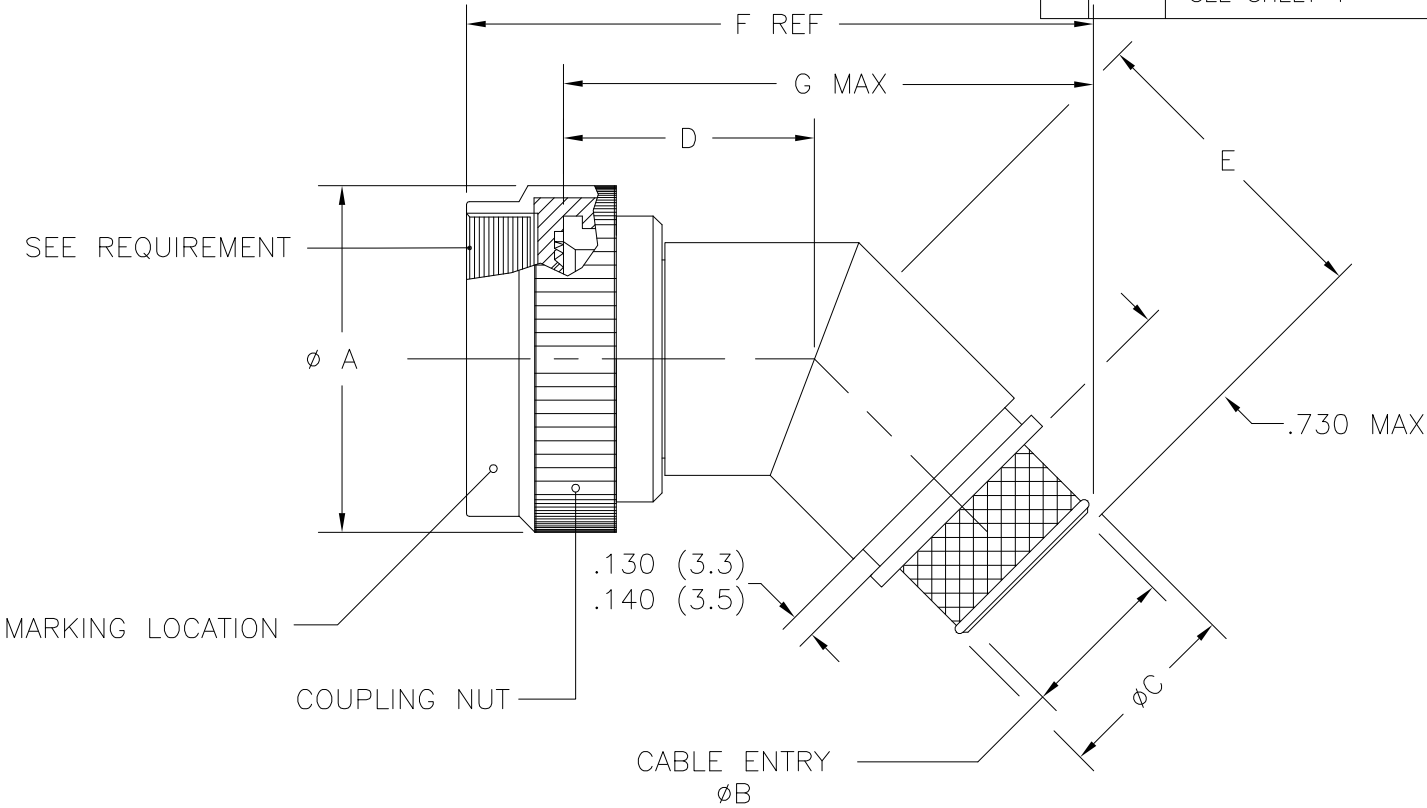
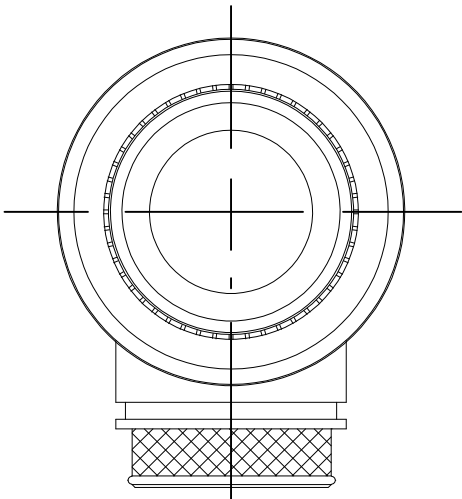


SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION 45° ADAPTER

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 AS85049/83.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/83 DESIGNATION e g. M85049/83-14W02.
3. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING.
4. THIS ADAPTER MATES TO CONNECTOR SAE-AS50151 CRIMP, MIL-DTL-26482 SERIES 2, SAE-AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III.
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	31MAY2017	 TE Connectivity				
DIMENSIONS: INCHES		CHK E.HALEY	5-31-17	NAME BACKSHELL,45°,SELF LOCKING,SHIELD BAND TERMINATION,SHRINK BOOT ACCOMMODATION —				
		APVD E.HALEY	5-31-17					
		PRODUCT SPEC —						
		APPLICATION SPEC —						
		WEIGHT 0						
MATERIAL —	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± .01 3 PLC ± .005 4 PLC ± — ANGLES ± 1°	FINISH —		SIZE A3	CAGE CODE 00779	DRAWING NO C=R85049/83	RESTRICTED TO —	
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 31MAY2017	TE Connectivity			
		CHK E.HALEY 5-31-17				
DIMENSIONS: INCHES		APVD E.HALEY 5-31-17	NAME BACKSHELL,45°,SELF LOCKING,SHIELD BAND TERMINATION,SHRINK BOOT ACCOMMODATION			
		PRODUCT SPEC				
		APPLICATION SPEC	SIZE A300779			RESTRICTED TO
MATERIAL		WEIGHT	CAGE CODE C=R85049/83			—
		CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 3	REV C

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

ORDER NUMBER	FOR CONNECTOR SHELL SIZE (REF)				TABLE I -- SHELL SIZE AND DIMENSIONS				
	SAE-- AS81703 SERIES 3	MIL--DTL-- 26482 SERIES 2	SAE-- AS50151 CRIMP	MIL--DTL-- 83723 SERIES III	A MAX DIA	B DIA ±.010 ENTRY SIZE		C DIA REF	
						02	03	02	03
8	--	8	8S	8	.885 (22.48)	N/A	.250 (6.35)	N/A	.395 (10.03)
10	--	10	10S, 10SL	10	1.010 (25.65)	N/A	.312 (7.92)	N/A	.457 (11.61)
12	7	12	12S AND 12	12	1.135 (28.83)	.312 (7.92)	.438 (11.13)	.457 (11.60)	.583 (14.81)
14	12	14	14S AND 14	14	1.260 (32.00)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)
16	19	16	16S AND 16	16	1.385 (35.18)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)
18	27	18	18	18	1.510 (38.35)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)
20	37	20	20	20	1.635 (41.53)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)
22	--	22	22	22	1.760 (44.70)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)
24	--	24	24	24	1.885 (47.88)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)
28	--	--	28	--	2.135 (54.23)	.875 (22.23)	1.125 (28.58)	1.020 (25.91)	1.270 (32.26)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± --
1 PLC ± --
2 PLC ± .01
3 PLC ± .005
4 PLC ± --
ANGLES ± 1°
FINISH --

MATERIAL

--

DWN
C.C.THOMAS
31MAY2017

CHK
E.HALEY
5-31-17

APVD
E.HALEY
5-31-17

PRODUCT SPEC
--

APPLICATION SPEC
--

WEIGHT
--

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

SIZE
A3

CAGE CODE
00779

DRAWING NO
C=R85049/83

RESTRICTED TO
--

CUSTOMER DRAWING

SCALE
NTS

SHEET
3 OF 3

REV
C

TE Connectivity

1470-19 (1/15)

Mouser Electronics

Authorized Distributor

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

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[R85049/83-10N03](#)