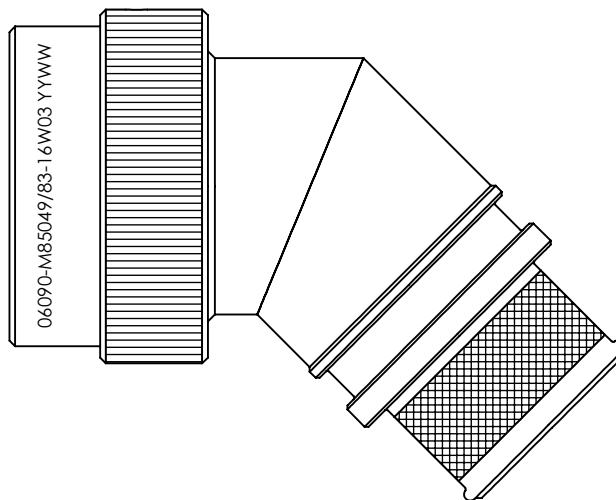


REVISIONS



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

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET REQUIREMENTS OF AS85049/83.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/83 DESIGNATION. e.g. M85049/83-16W03.
3. THIS ADAPTOR MATES TO CONNECTOR SAE-AS50151 CRIMP, MIL-DTL-26482 SERIES 2, SAE-AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III.
4. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING.
5. CATEGORY 3B - MEDIUM DUTY - NON-ENVIRONMENTAL
6. FOR MATERIALS AND PLATING FINISHES INFORMATION REFER TO R85049.
FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.

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DIMENSIONS: INCHES	DWN: N.HAWKINS	05/06/2019	MATERIAL: SEE P/N BREAKDOWN		FINISH: SEE P/N BREAKDOWN				
	CHK: R.STYLES	14/06/2019	TE Connectivity						
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR $\pm 0.01"$ ANGULAR $\pm 1^\circ$	APVD: M.PAUL	27/06/2019					PART NUMBER: R85049/83 SERIES		
	PRODUCT SPEC:	-	NAME: Connector Accessories, Electrical, Backshell, 45 Deg, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B						
	APPLICATION SPEC:	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO			
		WEIGHT:	A4	06090	C=P45757				
CUSTOMER DRAWING				SCALE	1.5:1	SHEET	1 OF 2	REV	CA

REVISIONS

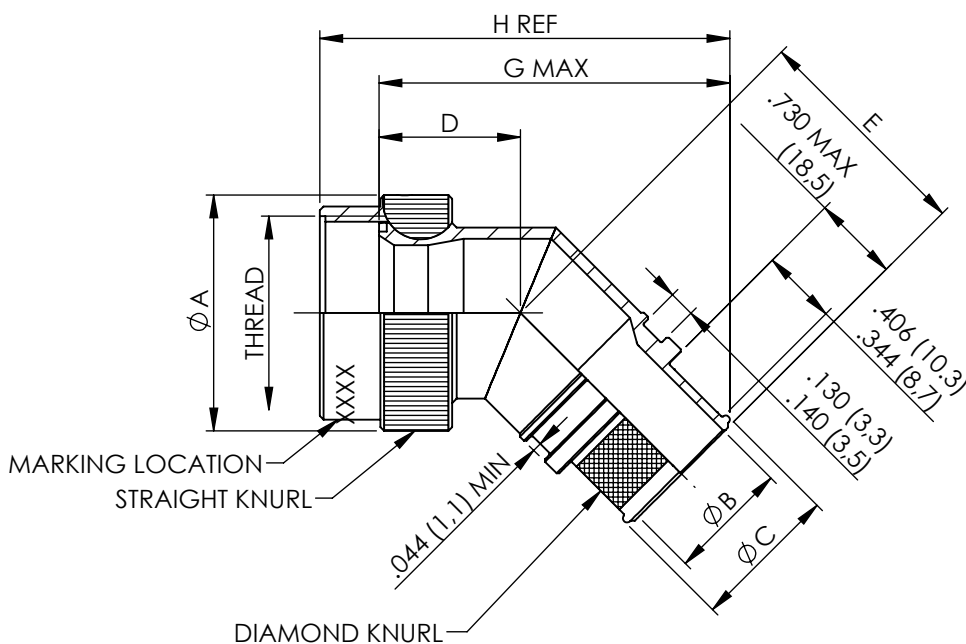
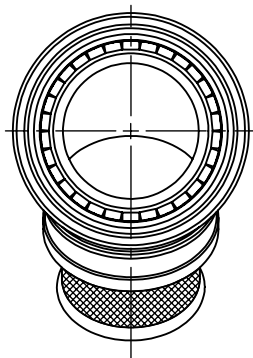


TABLE 1

ACCESSORY SHELL SIZE	FOR CONNECTOR SHELL SIZE (REF)				THREAD	A MAX DIA	B DIA $\pm .010$ ENTRY SIZE		C DIA REF		D MAX	E MAX	G MAX. WITH C		H (REF) WITH C	
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS50151 CRIMP	MIL-DTL- 83723 SERIES III			02	03	02	03			02	03	02	03
08	---	8	8S	8	1/2-20 UNEF	.885 (22.48)	N/A	.250 (6.35)	N/A	.395 (10.03)	.87 (22.10)	1.16 (29.46)	N/A	1.830 (46.48)	N/A	2.135 (54.23)
10	---	10	10S, 10SL	10	5/8-24 UNEF	1.010 (25.65)	N/A	.312 (7.92)	N/A	.457 (11.61)	.89 (22.61)	1.18 (29.97)	N/A	1.886 (47.90)	N/A	2.191 (55.65)
12	7	12	12S AND 12	12	3/4-20 UNEF	1.135 (28.83)	.312 (7.92)	.438 (11.13)	.457 (11.61)	.583 (14.81)	.92 (23.37)	1.20 (30.48)	1.930 (49.02)	1.975 (50.17)	2.235 (56.77)	2.280 (57.91)
14	12	14	14S AND 14	14	7/8-20 UNEF	1.260 (32.00)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)	.94 (23.88)	1.22 (30.99)	2.009 (51.03)	2.053 (52.15)	2.314 (58.78)	2.358 (59.89)
16	19	16	16S AND 16	16	1-20 UNEF	1.385 (35.18)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)	.96 (24.38)	1.25 (31.75)	2.072 (52.63)	2.116 (53.75)	2.377 (60.38)	2.421 (61.49)
18	27	18	18	18	1 1/16-18 UNEF	1.510 (38.35)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)	.98 (24.89)	1.26 (32.00)	2.143 (54.43)	2.187 (55.55)	2.448 (62.18)	2.492 (63.30)
20	37	20	20	20	1 3/16-18 UNEF	1.635 (41.53)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)	1.00 (25.40)	1.29 (32.77)	2.184 (55.47)	2.251 (57.18)	2.489 (63.22)	2.556 (64.92)
22	---	22	22	22	1 5/16-18 UNEF	1.760 (44.70)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)	1.03 (26.16)	1.31 (33.27)	2.249 (57.12)	2.339 (59.41)	2.554 (64.87)	2.644 (67.16)
24	---	24	24	24	1 7/16-18 UNEF	1.885 (47.88)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)	1.05 (26.67)	1.34 (34.04)	2.314 (58.78)	2.402 (61.01)	2.619 (66.52)	2.707 (68.76)
28	---	---	28	---	1 3/4-18 UNS	2.135 (54.23)	.875 (22.23)	1.125 (28.58)	1.020 (25.91)	1.270 (32.26)	1.10 (27.94)	1.38 (35.05)	2.594 (65.89)	2.683 (68.15)	3.061 (77.75)	3.150 (80.01)

METRIC EQUIVALENTS ARE IN PARENTHESIS AND ARE GIVEN FOR GENERAL INFORMATION ONLY

TABLE 2

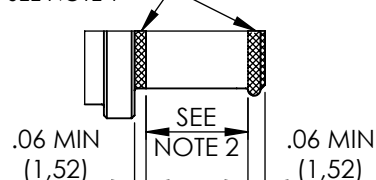
CODE	FINISH
N	ELECTROLESS NICKEL (96HRS SALT SPRAY RESISTANCE)
W	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)
Z	ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)
P	CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (SELECTIVE PLATING)

NOTES FOR SELECTIVE PLATING: -

1. CADMIUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT.
2. AREA FREE OF CADMIUM.

SELECTIVE PLATING

SEE NOTE 1



BASIC PART NUMBER
SPECIFICATION SHEET
CONFIGURATION
- (DASH) FOR SELF-LOCKING
CONNECTOR SHELL SIZE (TABLE 1)
FINISH (TABLE 2)
ENTRY SIZE (TABLE 1)

R85049/83-16W03

DIMENSIONS:
INCHES

DWN: N.HAWKINS

05/06/2019

MATERIAL: SEE P/N BREAKDOWN

FINISH: SEE P/N BREAKDOWN

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

CHK: R.STYLES

14/06/2019



TE Connectivity

APVD: M.PAUL

27/06/2019

PART NUMBER:

R85049/83 SERIES

GENERAL TOL
LINEAR $\pm .01$ "
ANGULAR $\pm 1^\circ$

PRODUCT SPEC:

NAME: Connector Accessories, Electrical, Backshell, 45
Deg, Self-Locking, Shield Band Termination (RFI/EMI),
Shrink Sleeve Accommodation, Category 3B

APPLICATION SPEC:

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT:

A4

06090

C=P45757

CUSTOMER DRAWING

SCALE

1:1

SHEET

2

OF

2

REV

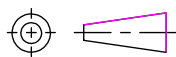
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