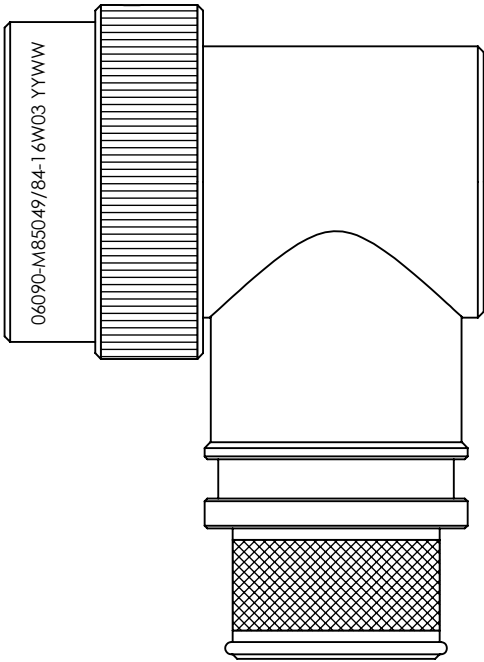


REVISIONS



SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION 90° 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 AS85049/84.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/84 DESIGNATION. e.g. M85049/84-16W03.
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	04/06/2019	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: R85049/84 SERIES					
	PRODUCT SPEC: -		NAME: Connector Accessories, Electrical, Backshell, 90 Deg, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B					
	APPLICATION SPEC: -							
	WEIGHT:			SIZE A4	CAGE CODE 06090	DRAWING NO C-P45758	RESTRICTED TO	
 	CUSTOMER DRAWING					SCALE 1.5:1	SHEET 1 OF 2	REV CA

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REVISIONS

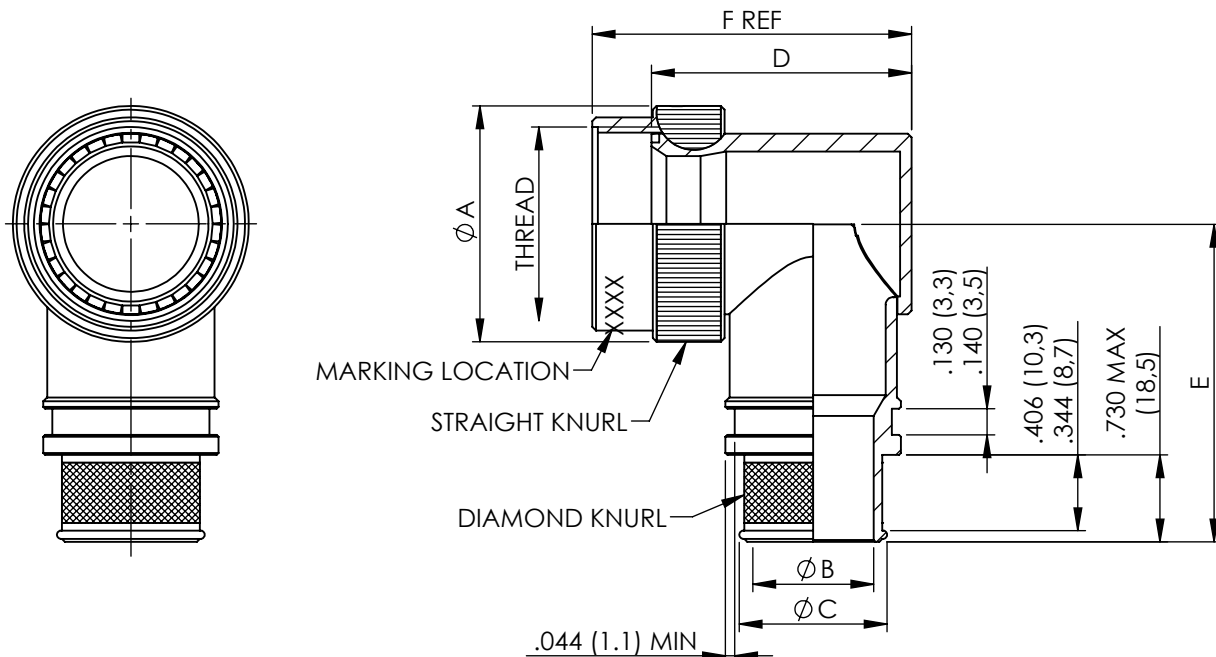


TABLE 1

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	F REF
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III			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)	1.188 (30.18)	1.417 (35.99)	1.497 (38.02)
10	—	10	10S, 10SL	10	5/8-24 UNEF	1.010 (25.65)	N/A	.312 (7.92)	N/A	.457 (11.61)	1.281 (32.54)	1.480 (37.59)	1.590 (40.39)
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)	1.406 (35.71)	1.542 (39.17)	1.715 (43.56)
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)	1.531 (38.89)	1.605 (40.77)	1.840 (46.74)
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)	1.656 (42.06)	1.667 (42.34)	1.965 (49.91)
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)	1.718 (43.64)	1.730 (43.94)	2.027 (51.49)
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)	1.844 (46.84)	1.792 (45.52)	2.153 (54.69)
22	—	22	22	22	1 5/16-18 UNEF	1.760 (44.70)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.08 (27.51)	1.938 (49.23)	1.850 (46.99)	2.247 (57.07)
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)	2.093 (53.16)	1.917 (48.69)	2.402 (61.01)
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)	2.531 (64.29)	2.042 (51.87)	3.002 (76.25)

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)

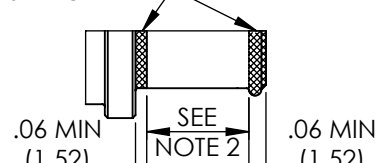
NOTES FOR SELECTIVE PLATING: -

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)

R85049/84-16W03

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DIMENSIONS: INCHES	DWN: N.HAWKINS	04/06/2019	MATERIAL: SEE P/N BREAKDOWN		FINISH: SEE P/N BREAKDOWN		
	CHK: R.STYLES	14/06/2019	TE Connectivity				
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M.PAUL	27/06/2019	PART NUMBER: R85049/84 SERIES				
	PRODUCT SPEC: -		NAME: Connector Accessories, Electrical, Backshell, 90 Deg, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B				
GENERAL TOL LINEAR $\pm .01"$ ANGULAR $\pm 1^\circ$	APPLICATION SPEC: -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	WEIGHT:		A4	06090	C=P45758		
	CUSTOMER DRAWING				SCALE 1:1	SHEET 2 OF 2	REV CA

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[TE Connectivity:](#)

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