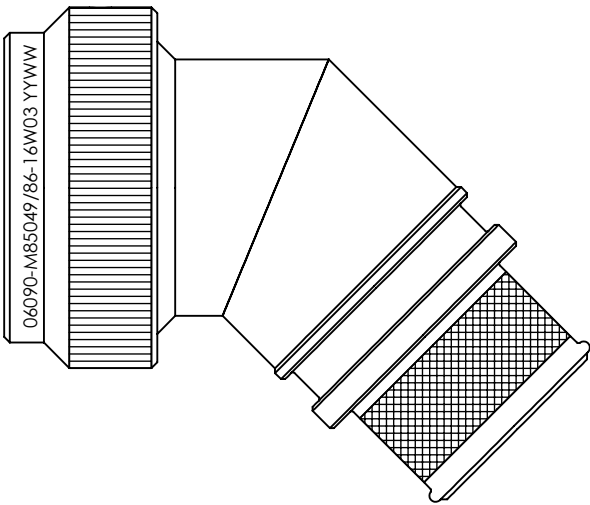


REVISIONS



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 AS85049/86.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/86 DESIGNATION. e.g. M85049/86-16W03.
3. THIS ADAPTOR MATES TO CONNECTOR MIL-DTL-38999 SERIES I & II.
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.

RELEASED FOR PUBLICATION

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THIS DRAWING IS UNPUBLISHED.

BY

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DIMENSIONS: INCHES	DWN: N.HAWKINS	06/06/2019	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: R85049/86 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-P29495				
	CUSTOMER DRAWING			SCALE	1.5:1	SHEET	1 OF 2	REV	BA

REVISIONS

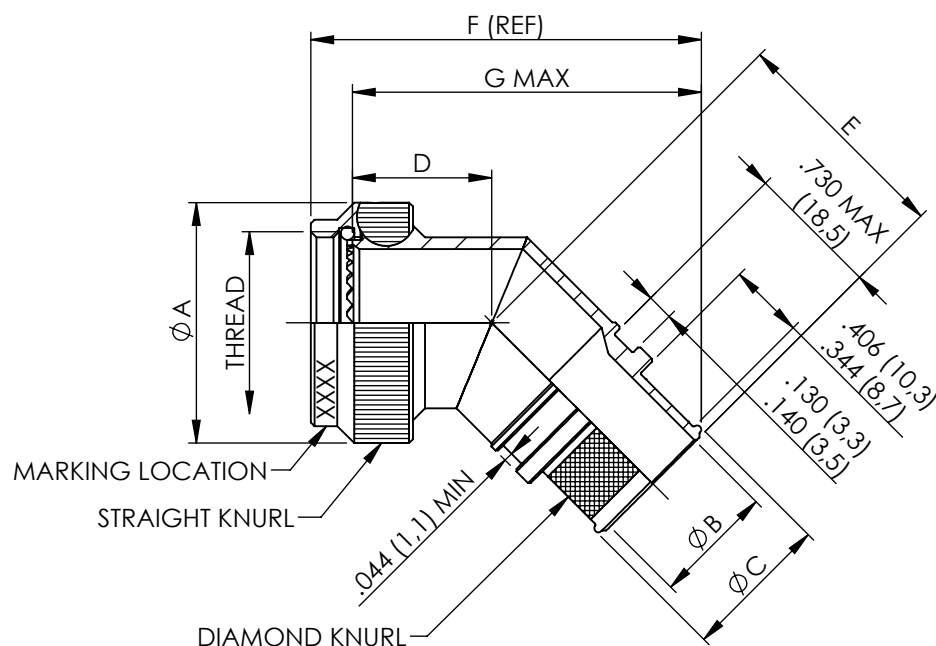
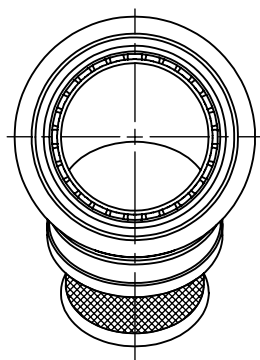


TABLE 1

ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE		THREAD	A MAX DIA	B DIA $\pm .010$ ENTRY SIZE		C DIA REF		D MAX	E MAX	F (REF)		G MAX	
	MIL-DTL-38999 SERIES I	MIL-DTL-38999 SERIES II			02	03	02	03			02	03	02	03
08	9	8	7/16-28 UNEF	.859 (21.82)	N/A	.250 (6.35)	N/A	.395 (10.03)	.87 (22.10)	1.16 (29.46)	N/A	2.018 (51.26)	N/A	1.830 (46.48)
10	11	10	9/16-24 UNEF	.984 (24.99)	N/A	.312 (7.92)	N/A	.457 (11.61)	.90 (22.86)	1.19 (30.23)	N/A	2.091 (53.11)	N/A	1.903 (48.34)
12	13	12	1 1/16-24 UNEF	1.156 (29.36)	.312 (7.92)	.438 (11.13)	.457 (11.61)	.583 (14.81)	.92 (23.37)	1.21 (30.73)	2.125 (53.98)	2.170 (55.12)	1.937 (49.20)	1.982 (50.34)
14	15	14	13/16-20 UNEF	1.281 (32.54)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)	.95 (24.13)	1.24 (31.50)	2.221 (56.41)	2.265 (57.53)	2.033 (51.64)	2.077 (52.76)
16	17	16	15/16-20 UNEF	1.406 (35.71)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)	.98 (24.89)	1.26 (32.00)	2.287 (58.09)	2.331 (59.21)	2.099 (53.31)	2.143 (54.43)
18	19	18	1 1/16-18 UNEF	1.516 (38.51)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)	.98 (24.89)	1.27 (32.26)	2.338 (59.39)	2.382 (60.50)	2.150 (54.61)	2.194 (55.73)
20	21	20	1 3/16-18 UNEF	1.641 (41.68)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)	1.01 (25.65)	1.30 (33.02)	2.389 (60.68)	2.456 (62.38)	2.201 (55.91)	2.268 (57.61)
22	23	22	1 5/16-18 UNEF	1.766 (44.86)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)	1.04 (26.42)	1.33 (33.78)	2.462 (62.53)	2.551 (64.80)	2.274 (57.76)	2.363 (60.02)
24	25	24	1 7/16-18 UNEF	1.891 (48.03)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)	1.07 (27.18)	1.35 (34.29)	2.529 (64.24)	2.617 (66.47)	2.341 (59.46)	2.429 (61.70)

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

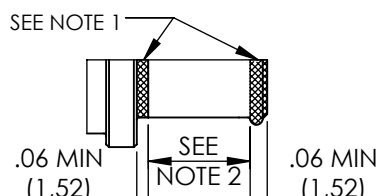
TABLE 2

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



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

R85049/86-16W03

DIMENSIONS: INCHES	DWN: N.HAWKINS	06/06/2019	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: ±0.1" ANGULAR: ±1°	APVD: M.PAUL	27/06/2019	PART NUMBER: R85049/86 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
			A4		06090	C=P29495	
	WEIGHT:						
	CUSTOMER DRAWING				SCALE	1:1	SHEET 2 OF 2

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[R85049/86-14W02](#)