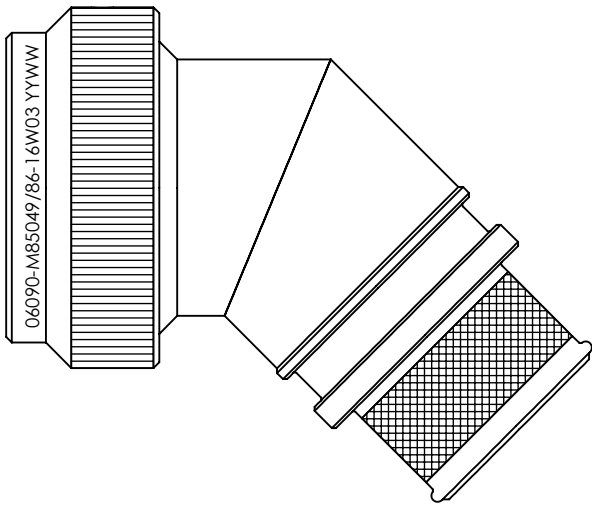


REVISIONS



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

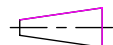
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THIS DRAWING IS UNPUBLISHED.

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:	-				
	WEIGHT:	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
 	CUSTOMER DRAWING		A4	06090	C=P29495	
			SCALE 1.5:1		SHEET 1 OF 2	REV BA

REVISIONS

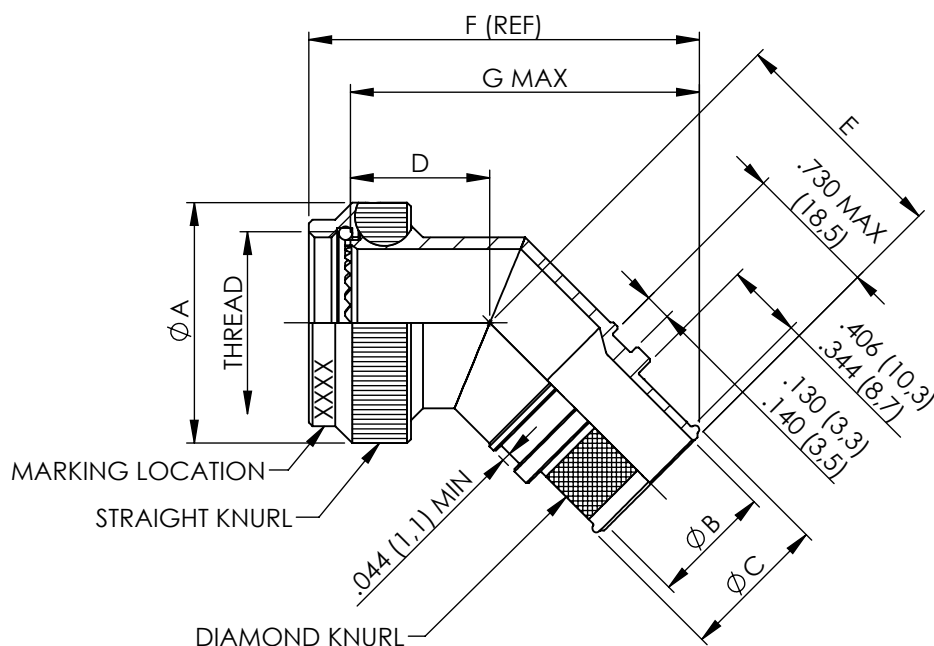
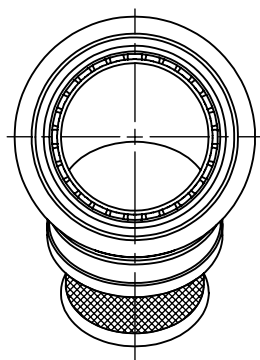


TABLE 1

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		
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	11/16-24 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 PARENTHESIS AND ARE GIVEN FOR GENERAL INFORMATION ONLY

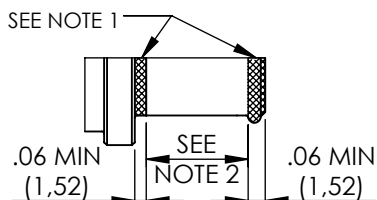
TABLE 2

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



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 $\pm 0.1"$ 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				
	-		A4		06090		C=P29495						
	WEIGHT:												
	CUSTOMER DRAWING					SCALE		1:1		SHEET	2 OF 2		REV

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[R85049/86-16W02](#)