

REVISIONS



## SELF-LOCKING SHIELD BAND TERMINATION SHRINK BOOT ACCOMMODATION 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 AS85049/85.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/85 DESIGNATION. e.g. M85049/85-16W02.
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.

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DIMENSIONS: <b>INCHES</b>	DWN: N.HAWKINS	05/06/2019	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN				
TOLERANCES UNLESS OTHERWISE SPECIFIED:  GENERAL TOL LINEAR $\pm 0.01"$ ANGULAR $\pm 1^\circ$	CHK: R.STYLES	14/06/2019	<b>STE</b> TE Connectivity					
	APVD: M.PAUL	27/06/2019	PART NUMBER: R85049/85 SERIES					
	PRODUCT SPEC:	-	NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B					
	APPLICATION SPEC:	-	SIZE	CAGE CODE	DRAWING NO			
	WEIGHT:	-	A4	06090	©-P29494			
	CUSTOMER DRAWING			SCALE	1.5:1	SHEET	1 OF 2	REV

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TABLE 1

ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE		THREAD	A MAX DIA	B DIA ±.010 ENTRY SIZE		C DIA REF	
	SERIES I	SERIES II			01	02	01	02
08	09	8	7/16-28 UNEF	.859 (21,82)	N/A	.250 (6,35)	N/A	.395 (10,03)
10	11	10	9/16-24 UNEF	.986 (25,04)	N/A	.312 (7,92)	N/A	.457 (11,61)
12	13	12	11/16-24 UNEF	1.156 (29,36)	.312 (7,92)	.438 (11,13)	.457 (11,61)	.583 (14,81)
14	15	14	13/16-20 UNEF	1.281 (32,54)	.438 (11,13)	.562 (14,27)	.583 (14,81)	.707 (17,96)
16	17	16	15/16-20 UNEF	1.406 (35,71)	.500 (12,70)	.625 (15,88)	.645 (16,38)	.770 (19,56)
18	19	18	1 1/16-18 UNEF	1.516 (38,51)	.625 (15,88)	.750 (19,05)	.770 (19,56)	.895 (22,73)
20	21	20	1 3/16-18 UNEF	1.641 (41,68)	.625 (15,88)	.812 (20,62)	.770 (19,56)	.957 (24,31)
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)
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)

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

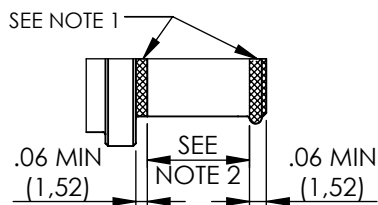
TABLE 2

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)

R85049/85-16W02

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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:	APVD: M.PAUL	27/06/2019			PART NUMBER:	R85049/85 SERIES	
GENERAL TOL LINEAR ±.01" ANGULAR ±1°	PRODUCT SPEC:	-	NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B				
	APPLICATION SPEC:	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	WEIGHT:	-	A4	06090	©=P29494	-	
	CUSTOMER DRAWING	SCALE		1.5:1	SHEET	2 OF 2	REV

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