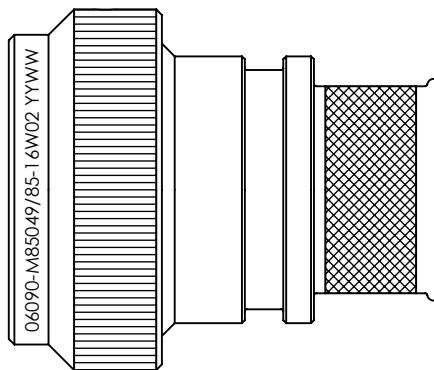


REVISIONS



**SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION ADAPTOR**

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

THIS DRAWING IS UNPUBLISHED.

© COPYRIGHT 20 BY

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.

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 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: M.PAUL	27/06/2019	PART NUMBER: R85049/85 SERIES	
GENERAL TOL LINEAR $\pm 0.1''$ ANGULAR $\pm 1^\circ$	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	C-P29494	
	CUSTOMER DRAWING			SCALE 1.5:1 SHEET 1 OF 2 REV BA

REVISIONS

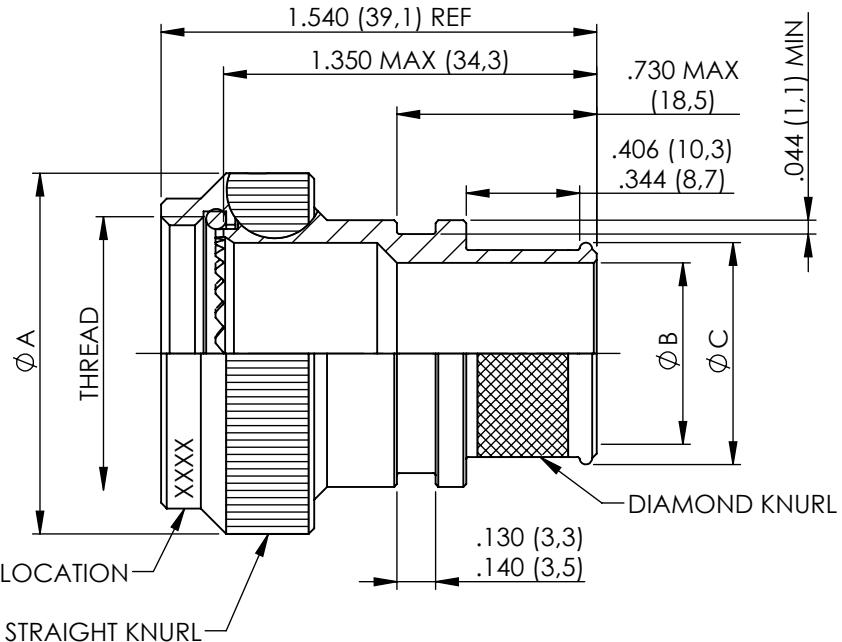
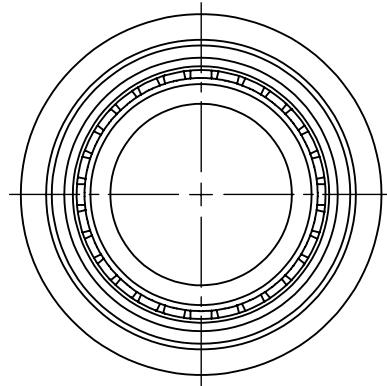


TABLE 1

ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE		THREAD	A MAX DIA	B DIA $\pm .010$ ENTRY SIZE		C DIA REF	
	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

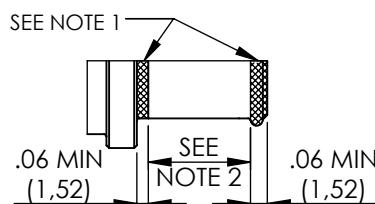
CODE	FINISH
N	ELECTROLESS NICKEL (96HRS SALT SPRAY RESISTANCE)
W	CADMUM OLIVE DRAB OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)
Z	ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL (1000HRS SALT SPRAY RESISTANCE)
P	CADMUM OLIVE DRAB OVER ELECTROLESS NICKEL (SELECTIVE PLATING)

NOTES FOR SELECTIVE PLATING: -

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

R85049/85-16W02

SELECTIVE PLATING



SEE NOTE 1
 .06 MIN (1.52)
 SEE NOTE 2
 .06 MIN (1.52)

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

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 $\pm .01"$ ANGULAR $\pm 1^{\circ}$	PRODUCT SPEC: -		NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B	
	APPLICATION SPEC: -		SIZE A4	RESTRICTED TO CAGE CODE 06090 DRAWING NO C-P29494
	WEIGHT: -		SCALE 1.5:1	SHEET 2 OF 2
	CUSTOMER DRAWING		REV BA	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[R85049/85-22N01](#)