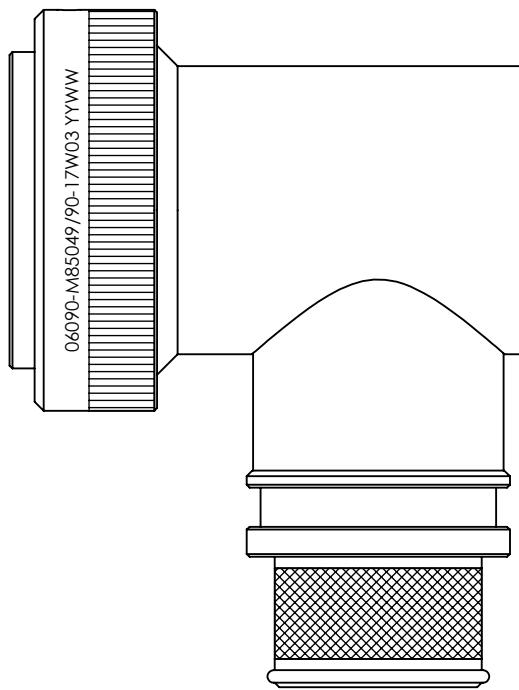


REVISIONS



**SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION 90° ADAPTOR**

RELEASED FOR PUBLICATION

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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 AS85049/90.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/90 DESIGNATION. e.g. M85049/90-17W03
3. THIS ADAPTOR MATES TO CONNECTOR MIL-DTL-38999 SERIES III & IV.
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	10/06/2019	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: R85049/90 SERIES	
GENERAL TOL LINEAR $\pm 0.01"$ ANGULAR $\pm 1°$	PRODUCT SPEC: -		NAME: Connector Accessories, Electrical, Backshell, 90 DEG, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B	
	APPLICATION SPEC: -	SIZE A4	CAGE CODE 06090	DRAWING NO C-P45768
	WEIGHT:			RESTRICTED TO
	CUSTOMER DRAWING		SCALE 1.5:1	SHEET 1 OF 2
				REV BA

REVISIONS

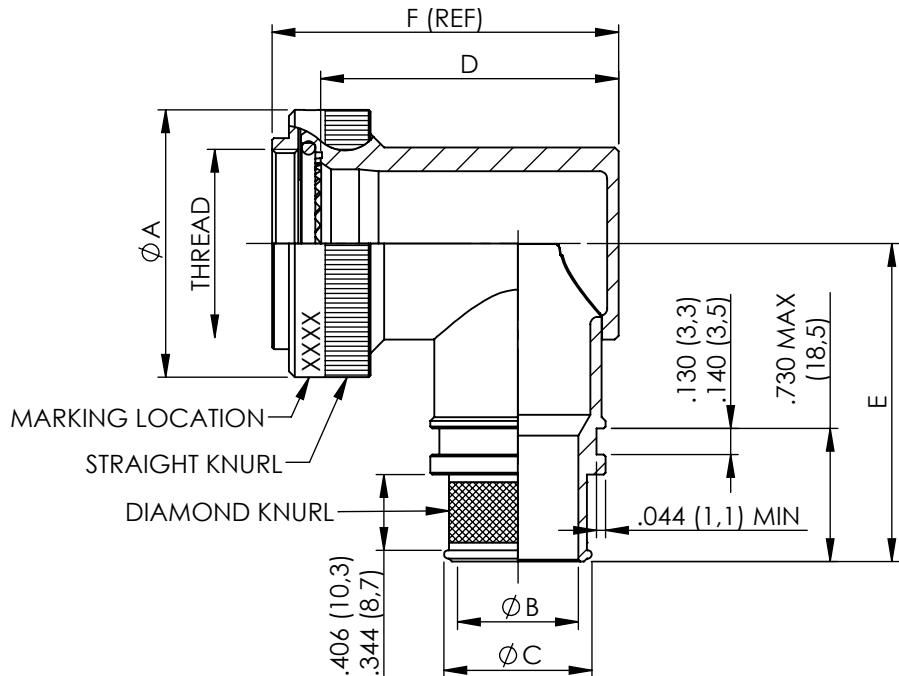
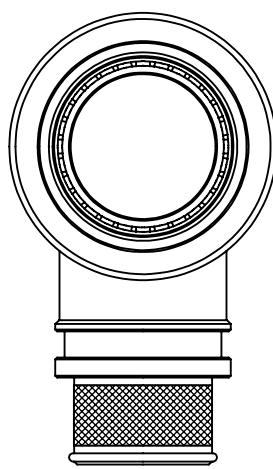


TABLE 1

ACCESSORY SHELL SIZE	SHELL SIZE CODE	THREAD	A MAX DIA	B DIA $\pm .010$ ENTRY SIZE		C DIA REF		D MAX	E MAX	F (REF)
				02	03	02	03			
09	A	M12 x 1.0	.858 (21.79)	N/A	.250 (6.35)	N/A	.395 (10.03)	1.375 (34.93)	1.417 (35.99)	1.623 (41.22)
11	B	M15 x 1.0	.984 (24.99)	N/A	.312 (7.92)	N/A	.457 (11.61)	1.437 (36.50)	1.480 (37.59)	1.685 (42.80)
13	C	M18 x 1.0	1.157 (29.39)	.312 (7.92)	.438 (11.13)	.457 (11.61)	.583 (14.81)	1.562 (39.67)	1.553 (39.45)	1.810 (45.97)
15	D	M22 x 1.0	1.279 (32.49)	.438 (11.13)	.562 (14.27)	.583 (14.81)	.707 (17.96)	1.687 (42.85)	16.14 (41.00)	1.935 (49.15)
17	E	M25 x 1.0	1.406 (35.71)	.500 (12.70)	.625 (15.88)	.645 (16.38)	.770 (19.56)	1.750 (44.45)	1.678 (42.62)	1.998 (50.75)
19	F	M28 x 1.0	1.516 (38.51)	.625 (15.88)	.750 (19.05)	.770 (19.56)	.895 (22.73)	1.875 (47.63)	1.773 (45.03)	2.123 (53.92)
21	G	M31 x 1.0	1.621 (41.71)	.625 (15.88)	.812 (20.62)	.770 (19.56)	.957 (24.31)	1.938 (49.23)	1.796 (45.62)	2.186 (55.52)
23	H	M34 x 1.0	1.768 (44.91)	.688 (17.48)	.938 (23.83)	.829 (21.06)	1.083 (27.51)	2.062 (52.37)	1.859 (47.22)	2.310 (58.67)
25	J	M37 x 1.0	1.889 (47.98)	.750 (19.05)	1.000 (25.40)	.895 (22.73)	1.145 (29.08)	2.125 (53.98)	1.919 (48.74)	2.373 (60.27)

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

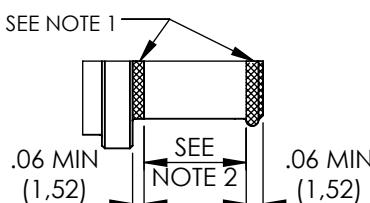
TABLE 2

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.

R85049/90-17W03

SELECTIVE PLATING



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	10/06/2019	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:	R85049/90 SERIES				
GENERAL TOL LINEAR $\pm .01"$ ANGULAR $\pm 1^{\circ}$	PRODUCT SPEC:	-	NAME:	Connector Accessories, Electrical, Backshell, 90 DEG, 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-P45768			
	CUSTOMER DRAWING				SCALE 1:1	SHEET 2 OF 2 REV BA		

Mouser Electronics

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[TE Connectivity:](#)

[R85049/90-9W03](#)