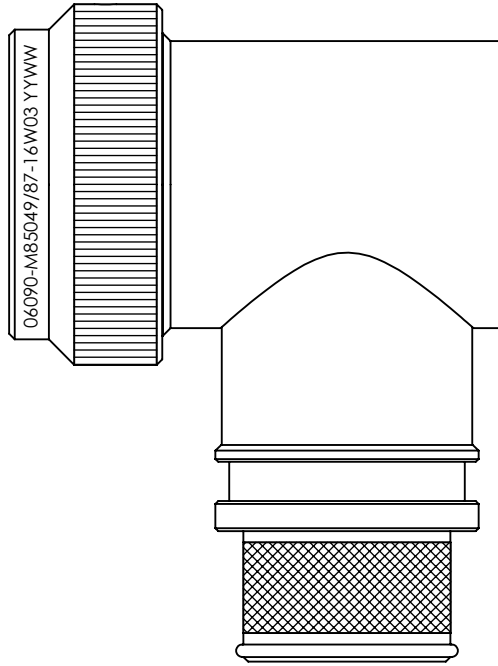


REVISIONS



SELF-LOCKING SHIELD BAND TERMINATION SHRINK BOOT ACCOMMODATION 90° 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 AS85049/87.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/87 DESIGNATION. e.g. M85049/87-16W03.
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.

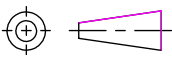
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DIMENSIONS: INCHES		DWN: N.HAWKINS 06/06/2019	MATERIAL: SEE P/N BREAKDOWN		FINISH: SEE P/N BREAKDOWN		
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR ±0.01" ANGULAR ±1°		CHK: R.STYLES 14/06/2019	 TE Connectivity				
		APVD: M.PAUL 27/06/2019	PART NUMBER: R85049/87 SERIES				
		PRODUCT SPEC: -	NAME: Connector Accessories, Electrical, Backshell, 90 Deg, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B				
		APPLICATION SPEC: -					
		WEIGHT:	SIZE A4	CAGE CODE 06090	DRAWING NO C-P45765	RESTRICTED TO	
		CUSTOMER DRAWING			SCALE 1.5:1	SHEET 1 OF 2	REV BA



REVISIONS

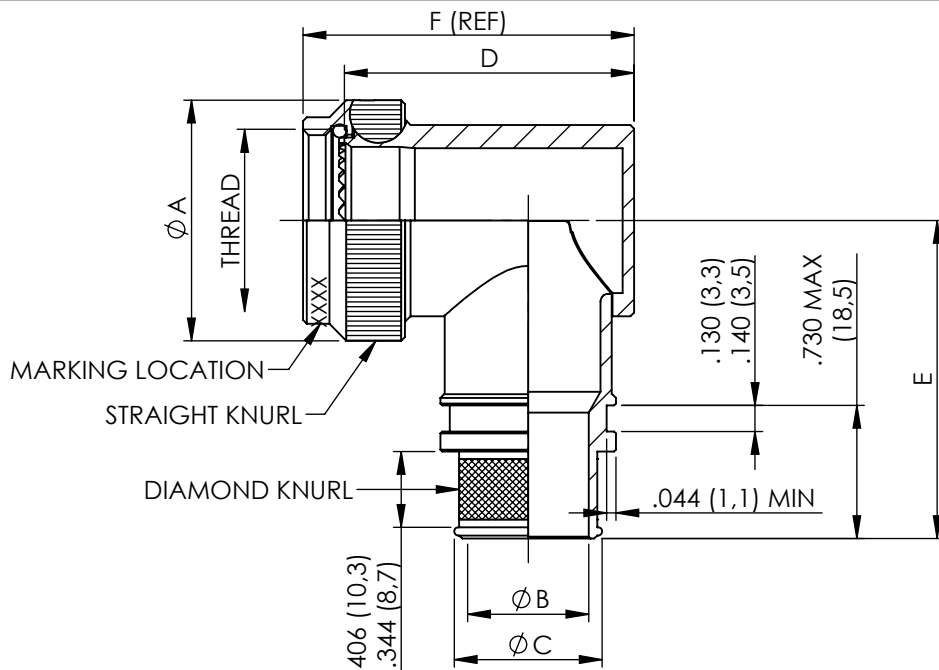
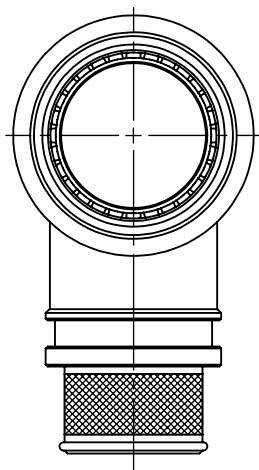


TABLE 1

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
	MIL-DTL-38999 SERIES I	MIL-DTL-38999 SERIES II			02	03	02	03			
08	9	8	7/16-28 UNEF	.859 (21,82)	N/A	.250 (6,35)	N/A	.395 (10,03)	1.375 (34,9)	1.417 (36,0)	1.563 (39,7)
10	11	10	9/16-24 UNEF	.986 (25,04)	N/A	.312 (7,92)	N/A	.457 (11,61)	1.437 (36,5)	1.480 (37,6)	1.625 (41,3)
12	13	12	11/16-24 UNEF	1.156 (29,36)	.312 (7,92)	.438 (11,13)	.457 (11,61)	.583 (14,81)	1.562 (39,7)	1.553 (39,4)	1.750 (44,5)
14	15	14	13/16-20 UNEF	1.281 (32,54)	.438 (11,13)	.562 (14,27)	.583 (14,81)	.707 (17,96)	1.687 (42,8)	1.614 (41,0)	1.875 (47,6)
16	17	16	15/16-20 UNEF	1.406 (35,71)	.500 (12,70)	.625 (15,88)	.645 (16,38)	.770 (19,56)	1.750 (44,5)	1.678 (42,6)	1.938 (49,2)
18	19	18	1 1/16-18 UNEF	1.516 (38,51)	.625 (15,88)	.750 (19,05)	.770 (19,56)	.895 (22,73)	1.875 (47,6)	1.733 (44,0)	2.063 (52,4)
20	21	20	1 3/16-18 UNEF	1.641 (41,68)	.625 (15,88)	.812 (20,62)	.770 (19,56)	.957 (24,31)	1.938 (49,2)	1.796 (45,6)	2.126 (54,0)
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)	2.062 (52,4)	1.859 (47,2)	2.250 (57,2)
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)	2.125 (54,0)	1.919 (48,7)	2.313 (58,8)

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

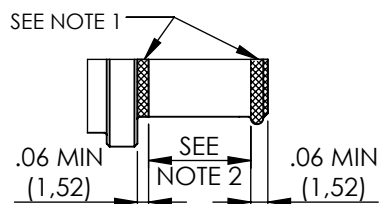
TABLE 2

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)

R85049/87-16W03

DIMENSIONS:

INCHES

DWN: N.HAWKINS

06/06/2019

MATERIAL: SEE P/N BREAKDOWN

FINISH: SEE P/N BREAKDOWN

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

CHK: R.STYLES

14/06/2019



TE Connectivity

GENERAL TOL
LINEAR $\pm .01$ "
ANGULAR $\pm 1^\circ$

APVD: M.PAUL

27/06/2019

PART NUMBER:

R85049/87 SERIES

PRODUCT SPEC:

NAME: Connector Accessories, Electrical, Backshell, 90 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=P45765

CUSTOMER DRAWING

SCALE

1:1

SHEET

2

OF

2

REV

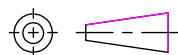
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