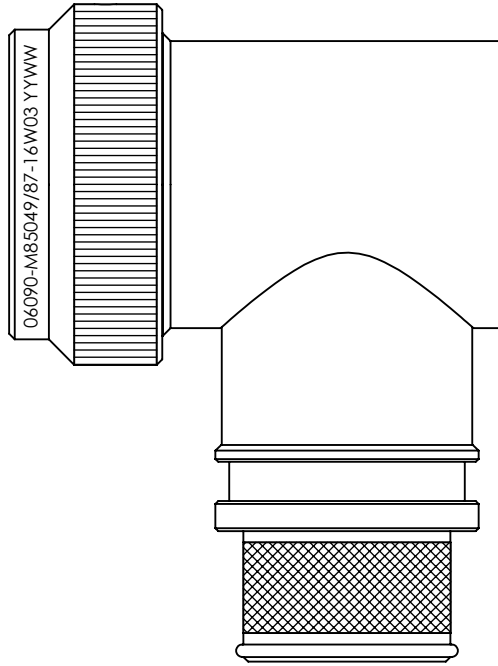


REVISIONS



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.

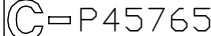
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DIMENSIONS: INCHES	DWN: N.HAWKINS	06/06/2019	MATERIAL: SEE P/N BREAKDOWN		FINISH: SEE P/N BREAKDOWN	
	CHK: R.STYLES	14/06/2019	 TE Connectivity			
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR $\pm 0.01''$ ANGULAR $\pm 1^\circ$	APVD: M.PAUL	27/06/2019	PART NUMBER: R85049/87 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 
CUSTOMER DRAWING			SCALE 1.5:1	SHEET 1 OF 2	REV BA	

REVISIONS

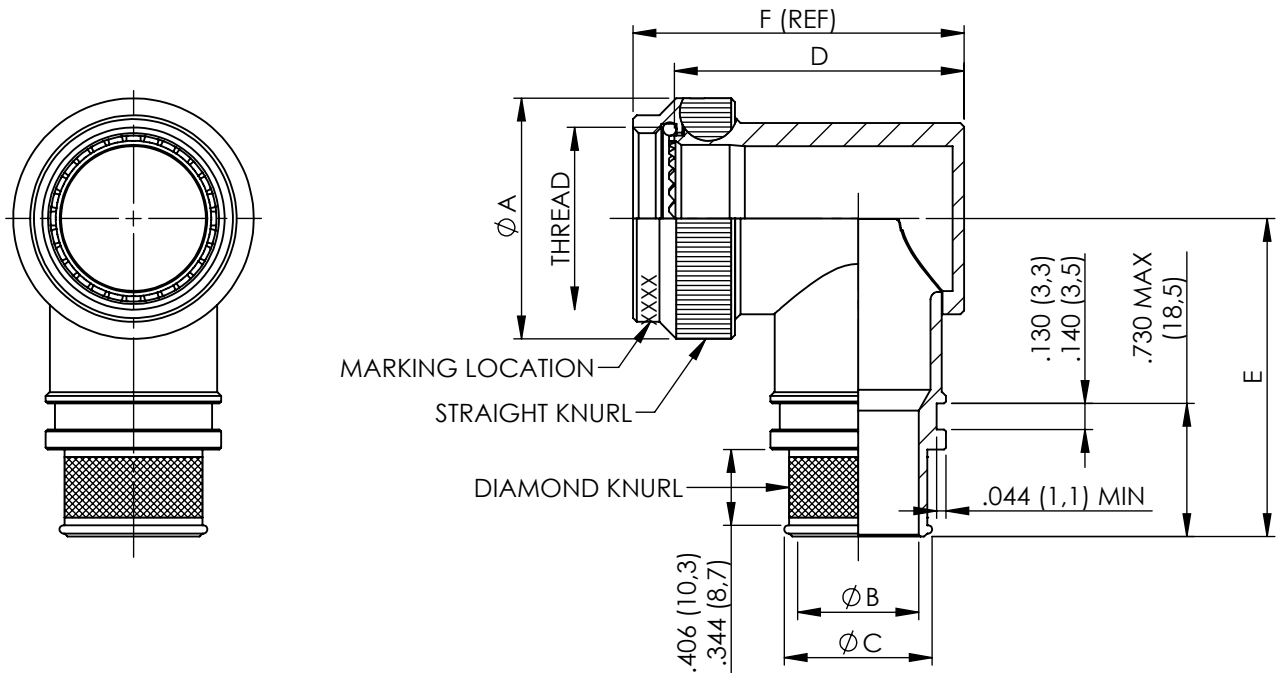


TABLE 1

ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE		THREAD	A MAX DIA	B DIA ±.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

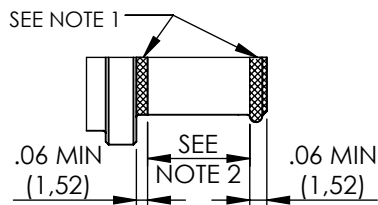
TABLE 2

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

APVD: M.PAUL

27/06/2019

PART NUMBER:

R85049/87 SERIES

GENERAL TOL
 LINEAR ±.01"
 ANGULAR ±1°

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

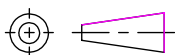
2

OF

2

REV

BA



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[R85049/87-22N02](#)