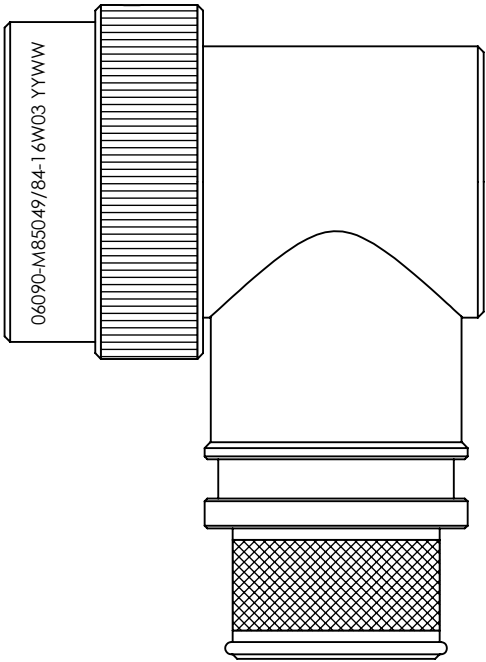


REVISIONS



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 AS85049/84.
- 2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/84 DESIGNATION. e.g. M85049/84-16W03.
- 3. THIS ADAPTOR MATES TO CONNECTOR SAE-AS50151 CRIMP, MIL-DTL-26482 SERIES 2, SAE-AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III.
- 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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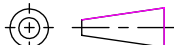
THIS DRAWING IS UNPUBLISHED.

BY



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DIMENSIONS: INCHES	DWN: N.HAWKINS	04/06/2019	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: R85049/84 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-P45758	RESTRICTED TO	
	CUSTOMER DRAWING					SCALE 1.5:1	SHEET 1 OF 2	REV CA

RELEASED FOR PUBLICATION

REVISIONS

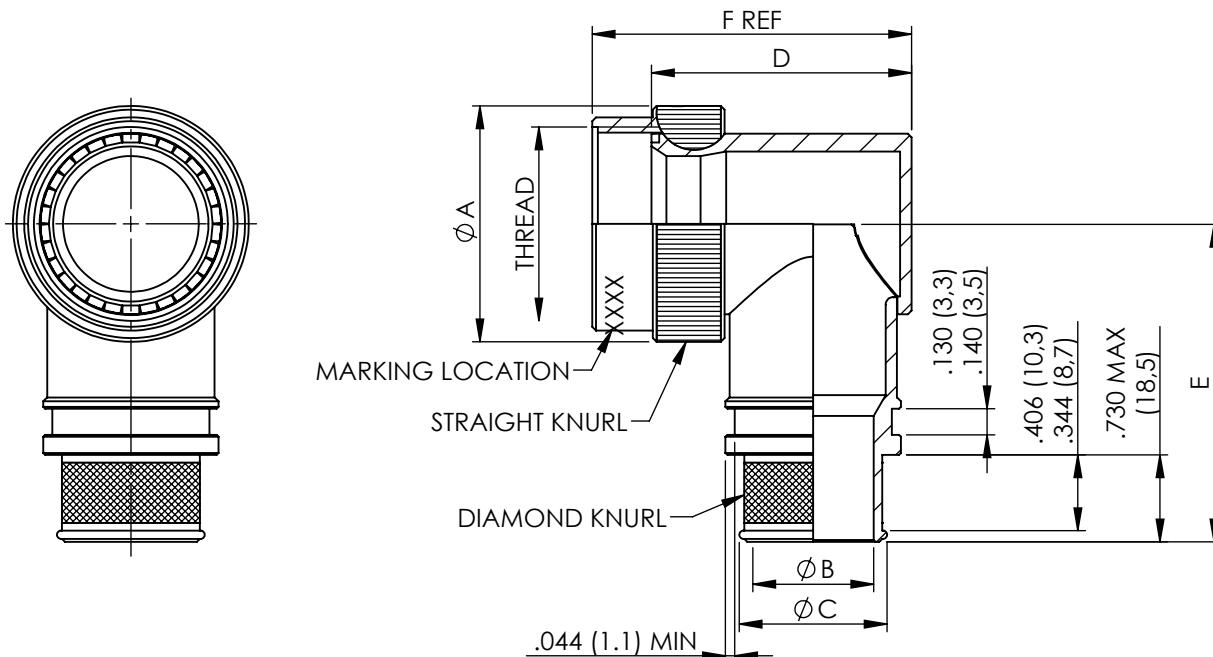


TABLE 1

ACCESSORY SHELL SIZE	FOR CONNECTOR SHELL SIZE (REF)				THREAD	A MAX DIA	B DIA $\pm .010$ ENTRY SIZE		C DIA REF		D MAX	E MAX	F REF
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	AS50151 CRIMP	MIL-DTL-83723 SERIES III			02	03	02	03			
08	---	8	8S	8	1/2-20 UNEF	.885 (22,48)	N/A	.250 (6,35)	N/A	.395 (10,03)	1.188 (30,18)	1.417 (35,99)	1.497 (38,02)
10	---	10	10S, 10SL	10	5/8-24 UNEF	1.010 (25,65)	N/A	.312 (7,92)	N/A	.457 (11,61)	1.281 (32,54)	1.480 (37,59)	1.590 (40,39)
12	7	12	12S AND 12	12	3/4-20 UNEF	1.135 (28,83)	.312 (7,92)	.438 (11,13)	.457 (11,61)	.583 (14,81)	1.406 (35,71)	1.542 (39,17)	1.715 (43,56)
14	12	14	14S AND 14	14	7/8-20 UNEF	1.260 (32,00)	.438 (11,13)	.562 (14,27)	.583 (14,81)	.707 (17,96)	1.531 (38,89)	1.605 (40,77)	1.840 (46,74)
16	19	16	16S AND 16	16	1-20 UNEF	1.385 (35,18)	.500 (12,70)	.625 (15,88)	.645 (16,38)	.770 (19,56)	1.656 (42,06)	1.667 (42,34)	1.965 (49,91)
18	27	18	18	18	1 1/16-18 UNEF	1.510 (38,35)	.625 (15,88)	.750 (19,05)	.770 (19,56)	.895 (22,73)	1.718 (43,64)	1.730 (43,94)	2.027 (51,49)
20	37	20	20	20	1 3/16-18 UNEF	1.635 (41,53)	.625 (15,88)	.812 (20,62)	.770 (19,56)	.957 (24,31)	1.844 (46,84)	1.792 (45,52)	2.153 (54,69)
22	---	22	22	22	1 5/16-18 UNEF	1.760 (44,70)	.688 (17,48)	.938 (23,83)	.829 (21,06)	1.08 (27,51)	1.938 (49,23)	1.850 (46,99)	2.247 (57,07)
24	---	24	24	24	1 7/16-18 UNEF	1.885 (47,88)	.750 (19,05)	1.000 (25,40)	.895 (22,73)	1.145 (29,08)	2.093 (53,16)	1.917 (48,69)	2.402 (61,01)
28	---	---	28	---	1 3/4-18 UNS	2.135 (54,23)	.875 (22,23)	1.125 (28,58)	1.020 (25,91)	1.270 (32,26)	2.531 (64,29)	2.042 (51,87)	3.002 (76,25)

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)

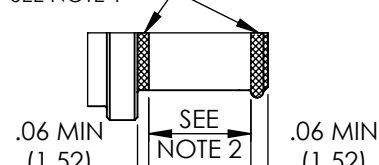
NOTES FOR SELECTIVE PLATING: -

1. CADMIUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT.

2. AREA FREE OF CADMIUM.

SELECTIVE PLATING

SEE NOTE 1



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

R85049/84-16W03

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DIMENSIONS:
INCHES

DWN: N.HAWKINS

04/06/2019

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:

R85049/84 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 Sleeve Accommodation, Category 3B

APPLICATION SPEC:

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WEIGHT:

A4

06090

C=P45758

CUSTOMER DRAWING

SCALE

1:1

SHEET

2

OF

2

REV

CA

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[R85049/84-16N02](#)