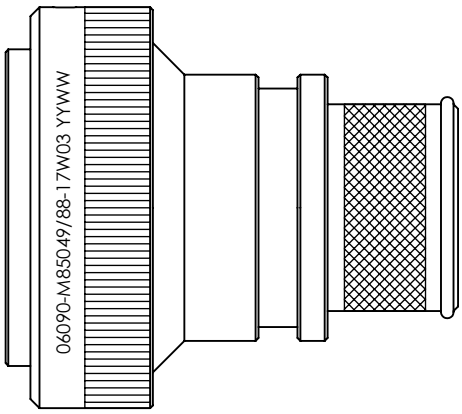
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REVISIONS



SELF-LOCKING
SHIELD BAND TERMINATION
SHRINK BOOT ACCOMMODATION ADAPTOR

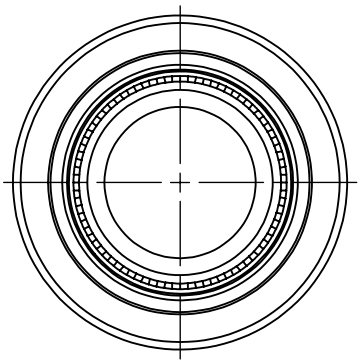
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET REQUIREMENTS OF AS85049/88.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/88 DESIGNATION. e.g. M85049/88-17W03
3. THIS ADAPTOR 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.

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DIMENSIONS: INCHES	DWN: N.HAWKINS 07/06/2019	MATERIAL: SEE P/N BREAKDOWN	FINISH: SEE P/N BREAKDOWN
TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR ±.01" ANGULAR ±1°	CHK: R.STYLES 14/06/2019	TE Connectivity	
	APVD: M.PAUL 27/06/2019	PART NUMBER: R85049/88 SERIES	
	PRODUCT SPEC: –	NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B	
	APPLICATION SPEC: –	SIZE A4 / CAGE CODE 06090 / DRAWING NO C-P45766	RESTRICTED TO
	WEIGHT:	CUSTOMER DRAWING	SCALE 1.5:1 / SHEET 1 OF 2 / REV BA

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REVISIONS



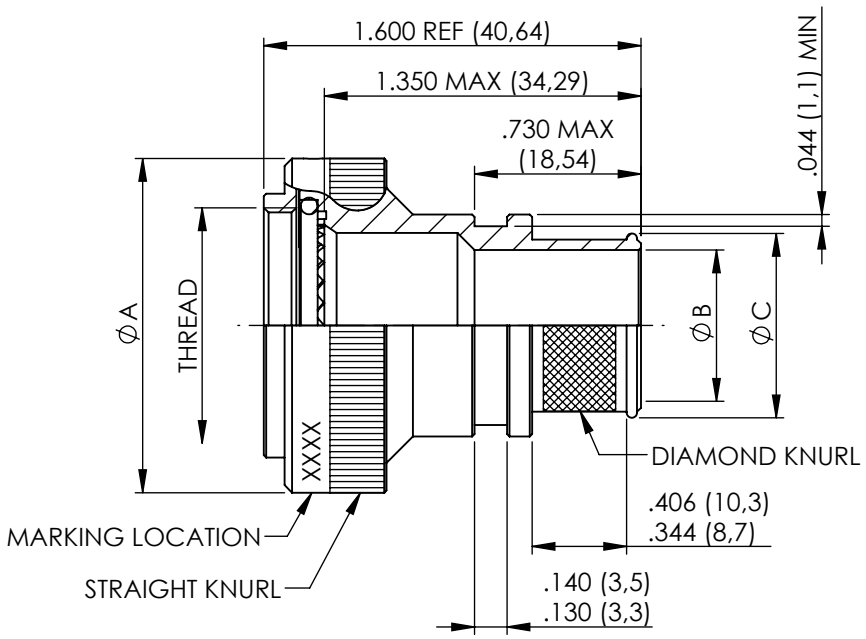


TABLE 1

ACCESSORY SHELL SIZE	SHELL SIZE CODE	THREAD	A MAX DIA	B DIA ±.010 ENTRY SIZE		C DIA REF	
				02	03	02	03
09	A	M12 x 1,0	.858 (21,79)	N/A	.250 (6,35)	N/A	.395 (10,03)
11	B	M15 x 1,0	.984 (24,99)	N/A	.312 (7,92)	N/A	.457 (11,61)
13	C	M18 x 1,0	1.157 (29,39)	.312 (7,92)	.438 (11,13)	.457 (11,61)	.583 (14,81)
15	D	M22 x 1,0	1.279 (32,49)	.438 (11,13)	.562 (14,27)	.583 (14,81)	.707 (17,96)
17	E	M25 x 1,0	1.406 (35,71)	.500 (12,70)	.625 (15,88)	.645 (16,38)	.770 (19,56)
19	F	M28 x 1,0	1.516 (38,51)	.625 (15,88)	.750 (19,05)	.770 (19,56)	.895 (22,73)
21	G	M31 x 1,0	1.621 (41,71)	.625 (15,88)	.812 (20,62)	.770 (19,56)	.957 (24,31)
23	H	M34 x 1,0	1.768 (44,91)	.688 (17,48)	.938 (23,83)	.829 (21,06)	1.083 (27,51)
25	J	M37 x 1,0	1.889 (47,98)	.750 (19,05)	1.000 (25,40)	.895 (22,73)	1.145 (29,08)

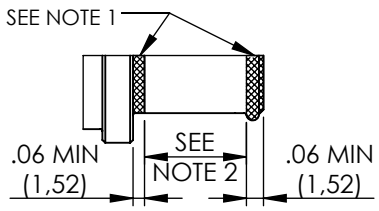
METRIC EQUIVALENTS ARE IN PARENTHESIS AND ARE GIVEN FOR GENERAL INFORMATION ONLY

TABLE 2

CODE	FINISH
N	ELECTROLESS NICKEL (96HRS SALT SPRAY RESISTANCE)
W	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



R85049/88-17W03

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

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

GENERAL TOL
LINEAR ±.01"
ANGULAR ±1°

DWN: N.HAWKINS 07/06/2019
CHK: R.STYLES 14/06/2019
APVD: M.PAUL 27/06/2019
PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT:

MATERIAL: SEE P/N BREAKDOWN
FINISH: SEE P/N BREAKDOWN

TE Connectivity

PART NUMBER: R85049/88 SERIES

NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A4	06090	C-P45766	

CUSTOMER DRAWING

SCALE 1,25:1 SHEET 2 OF 2 REV BA

1469-35 (3/13)

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2377783-2 2834055-1 936348-1 U5254-000005-030PA 1-962915-1 141991-2 2-292161-3 CRGCQ2010J3K3 TE50BR39J 1393431-1 1903112-2 2310537-1 175977-2 1969656-1 3430B2F51RTDF 1-794222-0 2380312-2 MPT100C18RF SMW73R0JT ROX05SJ18R 1743455-2 3-1393225-0 3631B101LL RH73H2A40MKTN 2005330-1 650075-000 CPF0402B37K4E1 SBCHE64R7K 917696-1 SBCHE154R7K