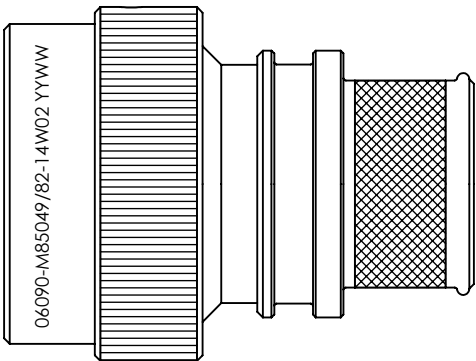


REVISIONS



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 AS85049/82.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/82 DESIGNATION. e.g. M85049/82-14W02.
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.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

THIS DRAWING IS UNPUBLISHED.

BY

20

©

| | | | | | | |
|---|---|--|-------------------------------|--------------------|---------------------------|---------------|
| DIMENSIONS: INCHES | DWN: N.HAWKINS | 30/05/2019 | MATERIAL: SEE P/N BREAKDOWN | | FINISH: SEE P/N BREAKDOWN | |
| | CHK: R.STYLES | 14/06/2019 | <div>TE</div> TE Connectivity | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR $\pm 0.01"$ ANGULAR $\pm 1^\circ$ | APVD: M.PAUL | 27/06/2019 | | | | |
| | PRODUCT SPEC: - | NAME: Connector Accessories, Electrical, Backshell, Straight, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B | | | | |
| | APPLICATION SPEC: - | | | | | |
| | <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> | WEIGHT: | SIZE A4 | CAGE CODE 06090 | DRAWING NO C-P45750 | RESTRICTED TO |
| CUSTOMER DRAWING | | | SCALE 1.5:1 | SHEET 1 OF 2 | REV CA | |

REVISIONS

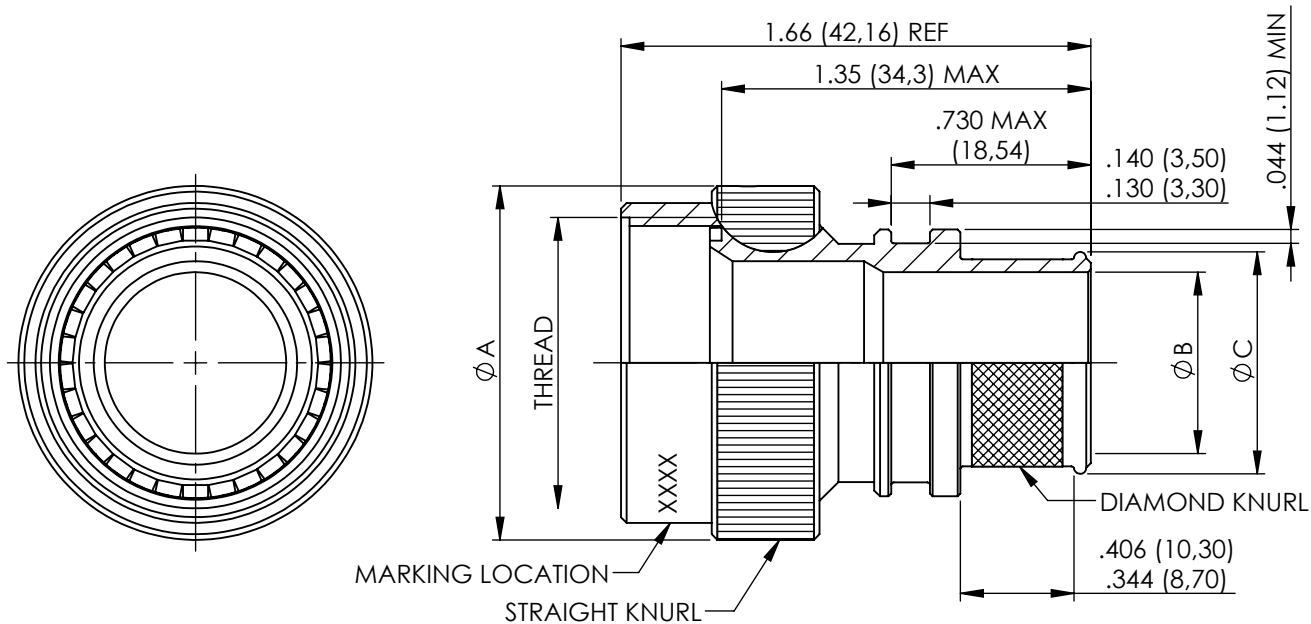


TABLE 1

| ACCESSORY SHELL SIZE | FOR CONNECTOR SHELL SIZE (REF) | | | | THREAD | A MAX DIA | B DIA ±.010 ENTRY SIZE | | C DIA 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) |
| 10 | --- | 10 | 10S, 10SL | 10 | 5/8-24 UNEF | 1.010 (25,65) | N/A | .312 (7,92) | N/A | .457 (11,61) |
| 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) |
| 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) |
| 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) |
| 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) |
| 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) |
| 22 | --- | 22 | 22 | 22 | 1 5/16-18 UNEF | 1.760 (44,70) | .688 (17,48) | .938 (23,83) | .829 (21,06) | 1.083 (27,51) |
| 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) |
| 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) |
| 61 | 61 | --- | --- | --- | 1 1/2-18 UNEF | 1.95 (49,53) | .750 (19,05) | 1.000 (25,40) | .895 (26,30) | 1.145 (29,08) |

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

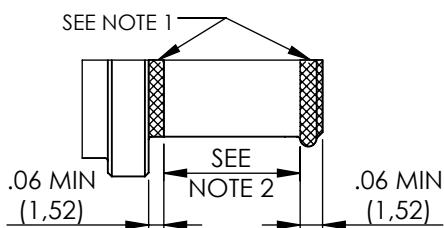
TABLE 2

| 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



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

R85049/82-14W02

DIMENSIONS:
INCHES

DWN: N.HAWKINS

30/05/2019

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:

R85049/82 SERIES

GENERAL TOL
LINEAR ±.01"
ANGULAR ±1°

PRODUCT SPEC:

-

NAME:

Connector Accessories, Electrical, Backshell,
Straight, 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=P45750

CUSTOMER DRAWING

SCALE

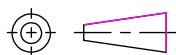
1.5:1

SHEET

2 OF 2

REV

CA



THIS DRAWING IS UNPUBLISHED.

ALL RIGHTS RESERVED.

COPYRIGHT 20 BY

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[R85049/82-28W02](#)