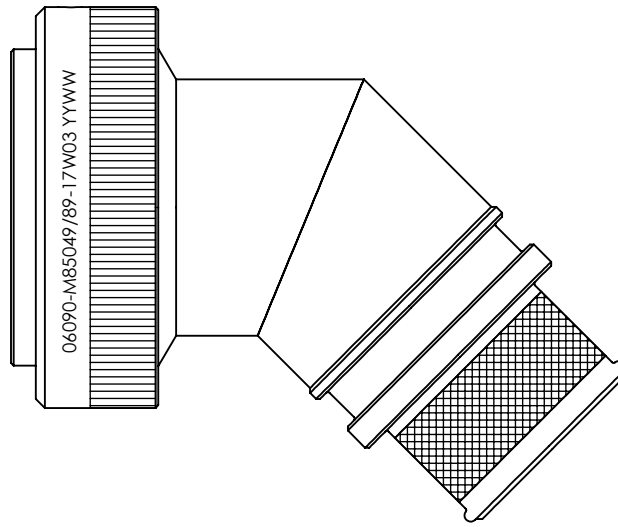


REVISIONS



SELF-LOCKING SHIELD BAND TERMINATION SHRINK BOOT ACCOMMODATION 45° 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 AS85049/89.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/89 DESIGNATION. e.g. M85049/89-17W03
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 | 10/06/2019 | MATERIAL: SEE P/N BREAKDOWN | FINISH: SEE P/N BREAKDOWN |
| | CHK: R.STYLES | 14/06/2019 | STE TE Connectivity | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL TOL LINEAR ±.01" ANGULAR ±1° | APVD: M.PAUL | 27/06/2019 | PART NUMBER: R85049/89 SERIES | |
| | PRODUCT SPEC: - | | NAME: Connector Accessories, Electrical, Backshell, 45 DEG, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B | |
| | APPLICATION SPEC: - | | SIZE: A4 | CAGE CODE: 06090 |
| | WEIGHT: | | DRAWING NO: C-P45767 | RESTRICTED TO: |
| | CUSTOMER DRAWING | | SCALE: 1.5:1 | SHEET: 1 OF 2 |
| | | | | REV: BA |

REVISIONS

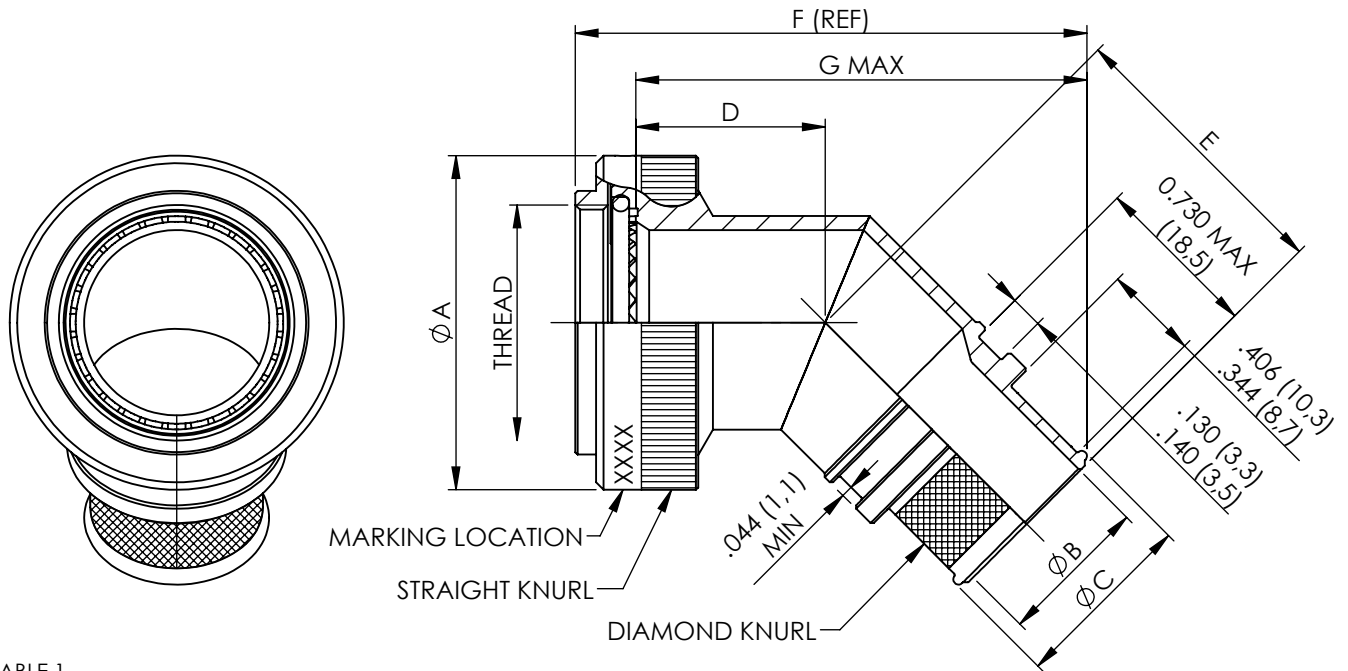


TABLE 1

| ACCESSORY SHELL SIZE | SHELL SIZE CODE | THREAD | A MAX DIA | B DIA $\pm .010$ ENTRY SIZE | | C DIA REF | | D MAX | E MAX | G MAX | | F (REF) | |
|----------------------|-----------------|-----------|---------------|-----------------------------|---------------|--------------|---------------|-------------|-------------|--------------|--------------|--------------|--------------|
| | | | | 02 | 03 | 02 | 03 | | | 02 | 03 | 02 | 03 |
| 09 | A | M12 x 1.0 | .858 (21.79) | N/A | .250 (6.35) | N/A | .395 (10.03) | 1.01 (25.7) | 1.16 (29.5) | N/A | 1.970 (50.0) | N/A | 2.218 (56.3) |
| 11 | B | M15 x 1.0 | .984 (24.99) | N/A | .312 (7.92) | N/A | .457 (11.61) | 1.03 (26.2) | 1.19 (30.2) | N/A | 2.033 (51.6) | N/A | 2.281 (57.9) |
| 13 | C | M18 x 1.0 | 1.157 (29.39) | .312 (7.92) | .438 (11.13) | .457 (11.61) | .583 (14.81) | 1.06 (26.9) | 1.21 (30.7) | 2.007 (52.8) | 2.122 (53.9) | 2.325 (59.1) | 2.370 (60.2) |
| 15 | D | M22 x 1.0 | 1.279 (32.49) | .438 (11.13) | .562 (14.27) | .583 (14.81) | .707 (17.96) | 1.08 (27.4) | 1.24 (31.5) | 2.163 (54.9) | 2.207 (56.1) | 2.411 (61.2) | 2.455 (62.4) |
| 17 | E | M25 x 1.0 | 1.406 (35.71) | .500 (12.70) | .625 (15.88) | .645 (16.38) | .770 (19.56) | 1.11 (28.2) | 1.26 (32.0) | 2.229 (56.6) | 2.273 (57.7) | 2.477 (62.9) | 2.521 (64.0) |
| 19 | F | M28 x 1.0 | 1.516 (38.51) | .625 (15.88) | .750 (19.05) | .770 (19.56) | .895 (22.73) | 1.12 (28.4) | 1.27 (32.3) | 2.290 (58.2) | 2.334 (59.3) | 2.538 (64.5) | 2.582 (65.6) |
| 21 | G | M31 x 1.0 | 1.621 (41.71) | .625 (15.88) | .812 (20.62) | .770 (19.56) | .957 (24.31) | 1.15 (29.2) | 1.30 (33.0) | 2.341 (59.5) | 2.408 (61.2) | 2.589 (65.8) | 2.656 (67.5) |
| 23 | H | M34 x 1.0 | 1.768 (44.91) | .688 (17.48) | .938 (23.83) | .829 (21.06) | 1.083 (27.51) | 1.17 (29.7) | 1.33 (33.8) | 2.404 (61.1) | 2.493 (63.3) | 2.652 (67.4) | 2.741 (69.6) |
| 25 | J | M37 x 1.0 | 1.889 (47.98) | .750 (19.05) | 1.000 (25.40) | .895 (22.73) | 1.145 (29.08) | 1.20 (30.5) | 1.35 (34.3) | 2.471 (62.8) | 2.559 (65.0) | 2.719 (69.1) | 2.807 (71.3) |

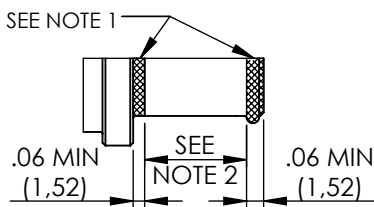
METRIC EQUIVALENTS ARE IN PARENTHESIS AND ARE GIVEN FOR GENERAL INFORMATION ONLY

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) _____


R85049/89-17W03

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| | | | | | | | | |
|--|-------------------|------------|---|---------------------------|--------------|------------------|-----|----|
| DIMENSIONS: INCHES | DWN: N.HAWKINS | 10/06/2019 | MATERIAL: SEE P/N BREAKDOWN | FINISH: SEE P/N BREAKDOWN | | | | |
| | CHK: R.STYLES | 14/06/2019 |  TE Connectivity | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD: M.PAUL | 27/06/2019 | | | PART NUMBER: | R85049/89 SERIES | | |
| GENERAL TOL LINEAR $\pm .01$ " ANGULAR $\pm 1^\circ$ | PRODUCT SPEC: | - | NAME: Connector Accessories, Electrical, Backshell, 45 DEG, Self-Locking, Shield Band Termination (RFI/EMI), Shrink Boot Accommodation, Category 3B | | | | | |
| | APPLICATION SPEC: | - | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | | |
| | WEIGHT: | | A4 | 06090 | C=P45767 | | | |
| | CUSTOMER DRAWING | | SCALE | 1:25:1 | SHEET | 2 OF 2 | REV | BA |

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[627MA124M14S](#) [655HS002NF11](#) [CW3899-000](#) [M85049/10-134S](#) [M85049/10-17S](#) [M85049/10-33S](#) [M85049/10-94W](#) [M85049/11-28N](#)
[M85049/11-37N](#) [M85049/11-53N](#) [M85049/11-63N](#) [M85049/120-14W](#) [M85049/124-23W](#) [M85049/1720N04B](#) [M85049/1821W05C](#)
[M85049/1825W06C](#) [M85049/1919N05](#) [M85049/23-74W](#) [M85049/24-71N](#) [M85049/25-47N](#) [M85049/25-94W](#) [M85049/27S12N](#) [M85049/39-](#)
[11S](#) [M85049/39-17S](#) [M85049/39-9S](#) [M85049/6-10B](#) [M85049/6-19N](#) [M85049/6-20B](#) [M85049/77-20W04](#) [M85049/78-11N03](#) [M85049/78-](#)
[15W02](#) [M85049/78-17N04](#) [M85049/78-19N05](#) [M85049/79-19N07](#) [M85049/79-25N04](#) [M85049/82-18N02](#) [M85049/82-22P02](#) [M85049/83-](#)
[10W03](#) [M85049/84-20N03](#) [M85049/8-48N](#) [M85049/85-24N01](#) [M85049/85-24P01](#)