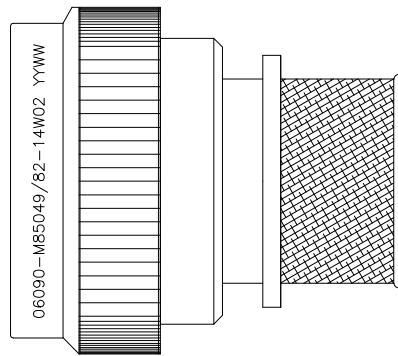


## REVISIONS

| P | LTR | DESCRIPTION           | DATE   | DWN | APVD |
|---|-----|-----------------------|--------|-----|------|
|   | C   | REV PER ECO 17-004696 | 5-8-17 | CT  | EH   |



SELF-LOCKING  
SHIELD BAND TERMINATION  
SHRINK BOOT ACCOMMODATION ADAPTER

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE 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. PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING.
4. THIS ADAPTER MATES TO CONNECTOR SAE-AS50151 CRIMP, MIL-DTL-26482 SERIES 2, SAE-AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III.
5. FOR MATERIALS AND PLATING FINISHES INFORMATION REFER TO R85049.  
FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.

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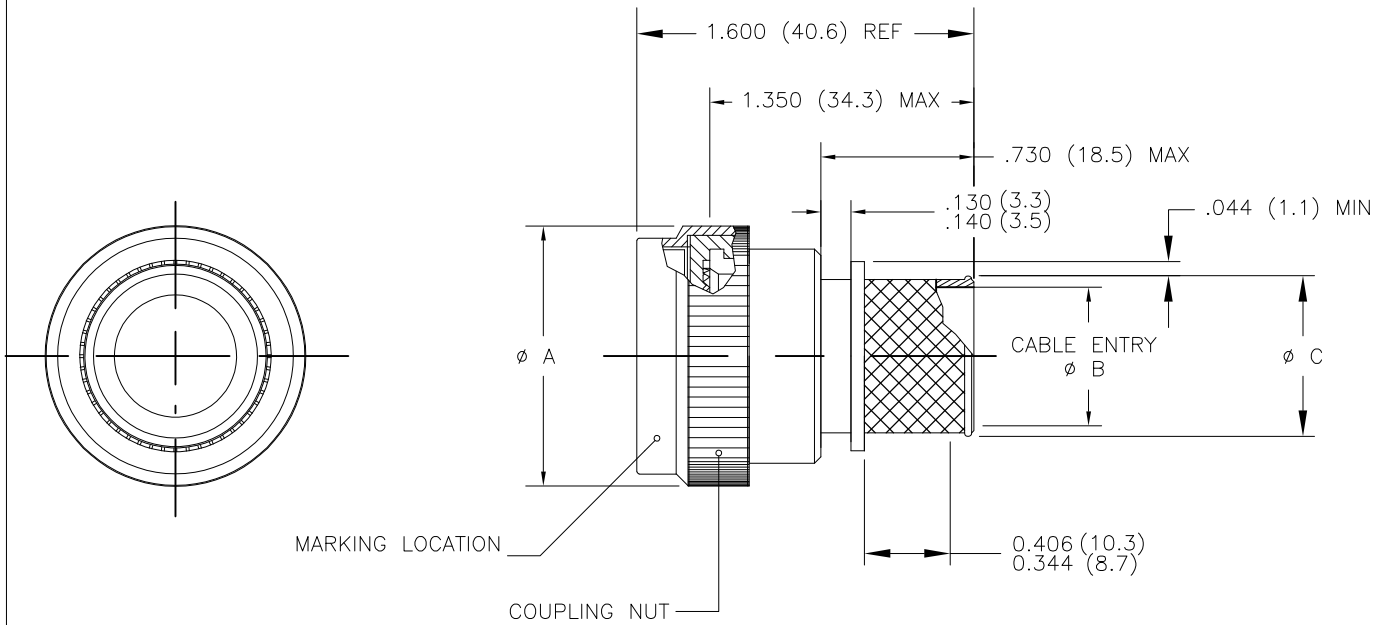
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|                                                                                                                                   |                       |                                                                                        |                                                                                                      |                           |                    |                 |          |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-----------------|----------|
| DIMENSIONS:<br>INCHES                                                                                                             | DWN<br>C.C.THOMAS     | 08MAY2017                                                                              | MATERIAL<br>—                                                                                        | FINISH<br>—               |                    |                 |          |
|                                                                                                                                   | CHK<br>E.HALEY        | 5-8-17                                                                                 |  TE Connectivity |                           |                    |                 |          |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± .01<br>3 PLC ± .005<br>4 PLC ± —<br>ANGLES ± — | APVD<br>E.HALEY       | 5-8-17                                                                                 |                                                                                                      |                           |                    |                 |          |
|                                                                                                                                   | PRODUCT SPEC<br>—     | NAME<br>BACKSHELL,STRAIGHT,SHIELD BAND TERMINATION<br>SHRINK BOOT ACCOMMODATION,CAT 3B |                                                                                                      |                           |                    |                 |          |
|                                                                                                                                   | APPLICATION SPEC<br>— | SIZE<br>A4                                                                             | CAGE CODE<br>06090                                                                                   | DRAWING NO<br>C-R85049/82 | RESTRICTED TO<br>— |                 |          |
| WEIGHT<br>0                                                                                                                       |                       | CUSTOMER DRAWING                                                                       |                                                                                                      |                           | SCALE<br>NTS       | SHEET<br>1 OF 3 | REV<br>C |

## REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| — | —   | SEE SHEET 1 | —    | —   | —    |



## PART NUMBERING

M85049/82 - 14 W 02

- SPECIFICATION SHEET
- CONFIGURATION:
  - (DASH) DETENTED SELF-LOCKING
- ORDER NO.
- FINISH
- ENTRY SIZE

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|                                                                                  |                       |                                                         |                                                                                                      |                           |                    |                 |          |
|----------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-----------------|----------|
| DIMENSIONS:<br>INCHES                                                            | DWN<br>C.C.THOMAS     | 08MAY2017                                               | MATERIAL<br>—                                                                                        | FINISH<br>—               |                    |                 |          |
|                                                                                  | CHK<br>E.HALEY        | 5-8-17                                                  |  TE Connectivity |                           |                    |                 |          |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                        | APVD<br>E.HALEY       | 5-8-17                                                  |                                                                                                      |                           |                    |                 |          |
|                                                                                  | PRODUCT SPEC<br>—     | NAME<br>BACKSHELL, STRAIGHT,<br>SHIELD BAND TERMINATION |                                                                                                      |                           |                    |                 |          |
| 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± .01<br>3 PLC ± .005<br>4 PLC ± —<br>ANGLES ± — | APPLICATION SPEC<br>— | SIZE<br>A4                                              | CAGE CODE<br>00779                                                                                   | DRAWING NO<br>C-R85049/82 | RESTRICTED TO<br>— |                 |          |
| WEIGHT<br>—                                                                      |                       | CUSTOMER DRAWING                                        |                                                                                                      |                           | SCALE<br>NTS       | SHEET<br>2 OF 3 | REV<br>C |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |

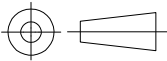
| ORDER<br>NUMBER | FOR CONNECTOR SHELL SIZE (REF) |                               |                          |                                 | TABLE I — SHELL SIZE AND DIMENSIONS |                        |               |               |               |
|-----------------|--------------------------------|-------------------------------|--------------------------|---------------------------------|-------------------------------------|------------------------|---------------|---------------|---------------|
|                 | SAE—<br>AS81703<br>SERIES 3    | MIL—DTL—<br>26482<br>SERIES 2 | SAE—<br>AS50151<br>CRIMP | MIL—DTL—<br>83723<br>SERIES III | A MAX DIA                           | B DIA ±.010 ENTRY SIZE |               | C DIA REF     |               |
|                 |                                |                               |                          |                                 |                                     | 02                     | 03            | 02            | 03            |
| 8               | --                             | 8                             | 8S                       | 8                               | .885 (22.48)                        | N/A                    | .250 (6.35)   | N/A           | .395 (10.03)  |
| 10              | --                             | 10                            | 10S, 10SL                | 10                              | 1.010 (25.65)                       | N/A                    | .312 (7.92)   | N/A           | .457 (11.61)  |
| 12              | 7                              | 12                            | 12S AND 12               | 12                              | 1.135 (28.83)                       | .312 (7.92)            | .438 (11.13)  | .457 (11.60)  | .583 (14.81)  |
| 14              | 12                             | 14                            | 14S AND 14               | 14                              | 1.260 (32.00)                       | .438 (11.13)           | .562 (14.27)  | .583 (14.81)  | .707 (17.96)  |
| 16              | 19                             | 16                            | 16S AND 16               | 16                              | 1.385 (35.18)                       | .500 (12.70)           | .625 (15.88)  | .645 (16.38)  | .770 (19.56)  |
| 18              | 27                             | 18                            | 18                       | 18                              | 1.510 (38.35)                       | .625 (15.88)           | .750 (19.05)  | .770 (19.56)  | .895 (22.73)  |
| 20              | 37                             | 20                            | 20                       | 20                              | 1.635 (41.53)                       | .625 (15.88)           | .812 (20.62)  | .770 (19.56)  | .957 (24.31)  |
| 22              | --                             | 22                            | 22                       | 22                              | 1.760 (44.70)                       | .688 (17.48)           | .938 (23.83)  | .829 (21.06)  | 1.083 (27.51) |
| 24              | --                             | 24                            | 24                       | 24                              | 1.885 (47.88)                       | .750 (19.05)           | 1.000 (25.40) | .895 (22.73)  | 1.145 (29.08) |
| 28              | --                             | --                            | 28                       | --                              | 2.135 (54.23)                       | .875 (22.23)           | 1.125 (28.58) | 1.020 (25.91) | 1.270 (32.26) |

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|                                                                                                                                   |                       |                                                        |                                                                                                      |                           |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|
| DIMENSIONS:<br>INCHES                                                                                                             | DWN<br>C.C.THOMAS     | 08MAY2017                                              | MATERIAL<br>—                                                                                        | FINISH<br>—               |
|                                                                                                                                   | CHK<br>E.HALEY        | 5-8-17                                                 |  TE Connectivity |                           |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± .01<br>3 PLC ± .005<br>4 PLC ± —<br>ANGLES ± — | APVD<br>E.HALEY       | 5-8-17                                                 |                                                                                                      |                           |
|                                                                                                                                   | PRODUCT SPEC<br>—     | NAME<br>BACKSHELL,STRAIGHT,<br>SHIELD BAND TERMINATION |                                                                                                      |                           |
|                                                                                                                                   | APPLICATION SPEC<br>— | SIZE<br>A4                                             | CAGE CODE<br>00779                                                                                   | DRAWING NO<br>C-R85049/82 |
|                                                | WEIGHT<br>—           | RESTRICTED TO<br>—                                     |                                                                                                      |                           |
|                                                                                                                                   | CUSTOMER DRAWING      |                                                        |                                                                                                      | SCALE<br>NTS              |
|                                                                                                                                   |                       |                                                        | SHEET<br>3 OF 3                                                                                      | REV<br>C                  |

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