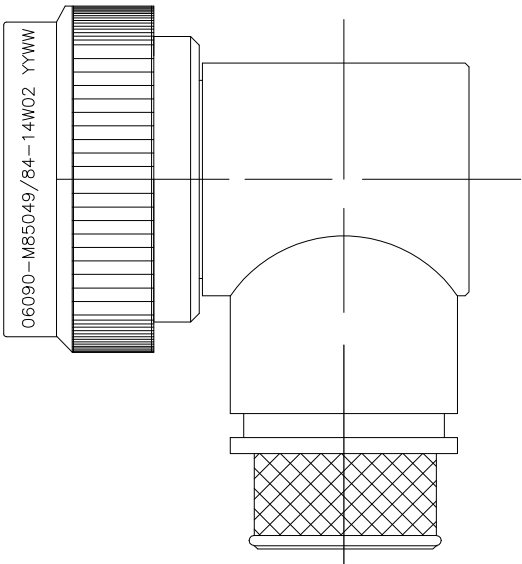
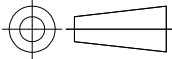


| REVISIONS |     |                       |         |     |      |
|-----------|-----|-----------------------|---------|-----|------|
| P         | LTR | DESCRIPTION           | DATE    | DWN | APVD |
|           | C   | REV PER ECO 17-004923 | 5-31-17 | CT  | EH   |

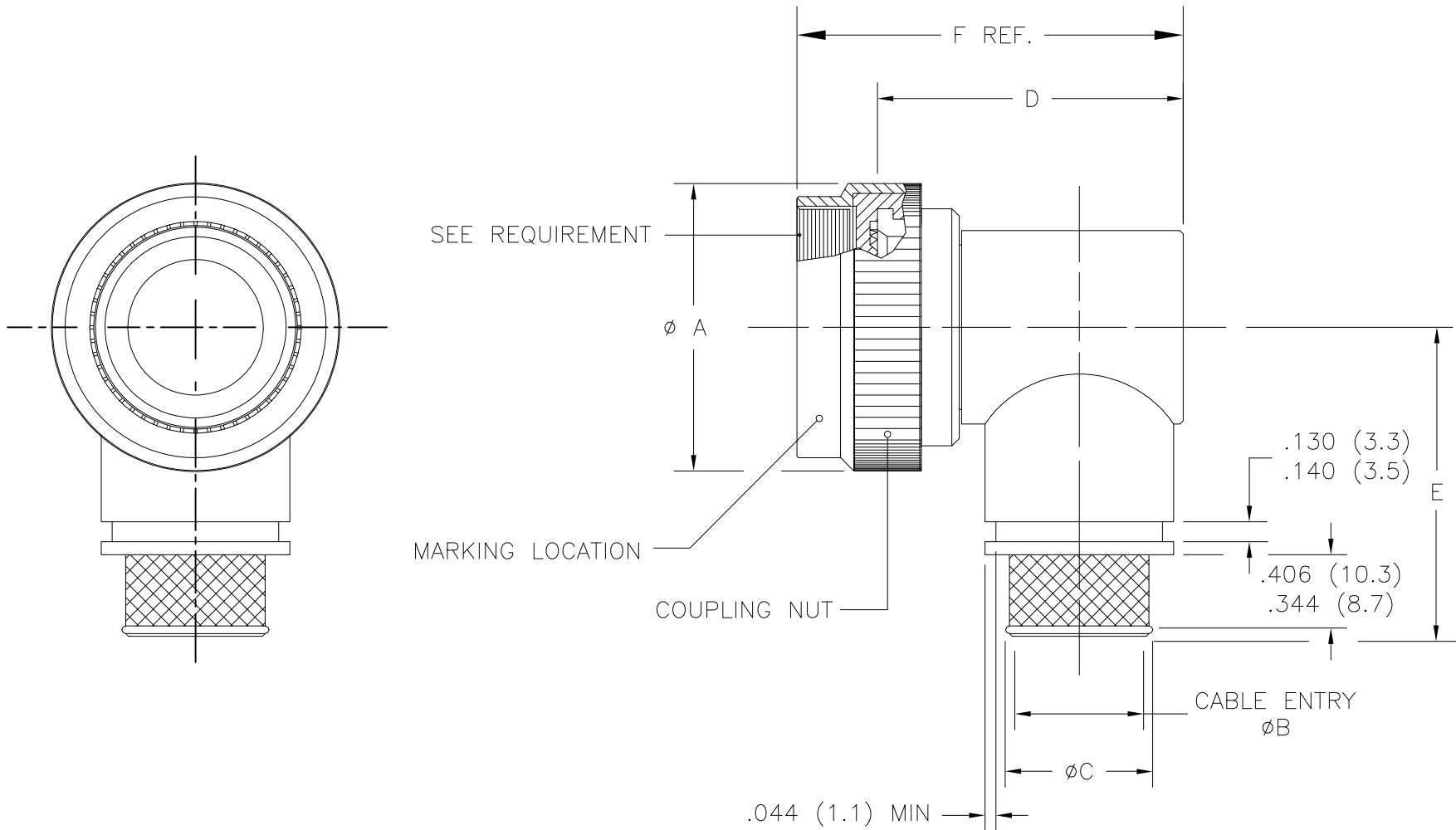
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR, AND DESIGNED TO MEET PERFORMANCE REQUIREMENT OF AS85049/84.
2. ALL COMPONENTS SHALL BE PACKAGED AND SUPPLIED IN A PLASTIC BAG AND LABELED WITH M85049/84 DESIGNATION e g. M85049/84-14W02.
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 MATERIAL AND FINISH INFORMATION REFER TO R85049.  
FOR ALTERNATIVE MATERIALS AND PLATING FINISHES CONTACT TE CONNECTIVITY.



SELF-LOCKING  
SHIELD BAND TERMINATION  
SHRINK BOOT ACCOMMODATION 90° ADAPTER

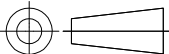
|                                                                                       |                                                                             |                                |                                                                                                                  |                 |                    |                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|---------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                             | DWN<br>C.C.THOMAS<br>31MAY2017 | <div> TE Connectivity</div> |                 |                    |                           |
| DIMENSIONS:<br>INCHES                                                                 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                   | CHK<br>E.HALEY<br>5-31-17      |                                                                                                                  |                 |                    |                           |
|                                                                                       |                                                                             | APVD<br>E.HALEY<br>5-31-17     |                                                                                                                  |                 |                    |                           |
|                                                                                       |                                                                             | PRODUCT SPEC<br>—              |                                                                                                                  |                 |                    |                           |
|  | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± — | APPLICATION SPEC<br>—          | NAME<br><br>BACKSHELL,90 DEG,SELF LOCKING<br>SHIELD BAND TERMINATION,SHRINK<br>BOOT ACCOMMODATION                |                 |                    | RESTRICTED TO<br><br>—    |
|                                                                                       |                                                                             | WEIGHT<br>0.000000             |                                                                                                                  |                 |                    |                           |
|                                                                                       |                                                                             | CUSTOMER DRAWING               |                                                                                                                  |                 |                    |                           |
| MATERIAL<br>—                                                                         |                                                                             | FINISH<br>—                    | SIZE<br>A3                                                                                                       |                 | CAGE CODE<br>00779 | DRAWING NO<br>C-R85049/84 |
|                                                                                       |                                                                             |                                | SCALE<br>NTS                                                                                                     | SHEET<br>1 OF 3 | REV<br>C           |                           |

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



PART NUMBERING



|                                                                                       |  |                                           |  |                                                                                                       |  |                 |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>C.C.THOMAS<br>31MAY2017            |  |  TE Connectivity |  |                 |  |
|                                                                                       |  | CHK<br>E.HALEY<br>5-31-17                 |  |                                                                                                       |  |                 |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME<br><br>BACKSHELL,90 DEG,SELF LOCKING<br>SHIELD BAND TERMINATION,SHRINK<br>BOOT ACCOMMODATION     |  |                 |  |
|  |  | 0 PLC ± -                                 |  |                                                                                                       |  |                 |  |
|                                                                                       |  | 1 PLC ± -                                 |  |                                                                                                       |  |                 |  |
|                                                                                       |  | 2 PLC ± -                                 |  |                                                                                                       |  |                 |  |
| 3 PLC ± -                                                                             |  | APVD<br>E.HALEY<br>5-31-17                |  | SIZE<br>CAGE CODE<br>DRAWING NO<br>RESTRICTED TO                                                      |  |                 |  |
| 4 PLC ± -                                                                             |  | PRODUCT SPEC                              |  |                                                                                                       |  |                 |  |
| ANGLES ± -                                                                            |  | —                                         |  |                                                                                                       |  |                 |  |
| MATERIAL<br>—                                                                         |  | FINISH<br>—                               |  | —                                                                                                     |  | —               |  |
| CUSTOMER DRAWING                                                                      |  |                                           |  | A300779                                                                                               |  | C-R85049/84     |  |
|                                                                                       |  |                                           |  | SCALE<br>NTS                                                                                          |  | SHEET<br>2 OF 3 |  |
|                                                                                       |  |                                           |  |                                                                                                       |  | REV<br>C        |  |

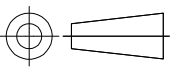
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |

| ORDER 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                              | ∅B ±.010 ENTRY SIZE |               | ∅C 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) |

| ORDER NUMBER | FOR CONNECTOR SHELL SIZE (REF) |                               |                          |                                 | TABLE I — SHELL SIZE AND DIMENSIONS (CONTINUED) |             |             |
|--------------|--------------------------------|-------------------------------|--------------------------|---------------------------------|-------------------------------------------------|-------------|-------------|
|              | 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 | D MAX                                           | E MAX       | F REF       |
| 8            | —                              | 8                             | 8S                       | 8                               | 1.19 (30.2)                                     | 1.42 (36.1) | 1.50 (38.1) |
| 10           | —                              | 10                            | 10S, 10SL                | 10                              | 1.28 (32.5)                                     | 1.48 (37.6) | 1.59 (40.4) |
| 12           | 7                              | 12                            | 12S AND 12               | 12                              | 1.41 (35.8)                                     | 1.54 (39.1) | 1.72 (43.7) |
| 14           | 12                             | 14                            | 14S AND 14               | 14                              | 1.53 (38.9)                                     | 1.61 (40.9) | 1.84 (46.7) |
| 16           | 19                             | 16                            | 16S AND 16               | 16                              | 1.66 (42.2)                                     | 1.67 (42.4) | 1.97 (50.0) |
| 18           | 27                             | 18                            | 18                       | 18                              | 1.72 (43.7)                                     | 1.73 (43.9) | 2.03 (51.6) |
| 20           | 37                             | 20                            | 20                       | 20                              | 1.84 (46.7)                                     | 1.79 (45.5) | 2.15 (54.6) |
| 22           | —                              | 22                            | 22                       | 22                              | 1.94 (49.3)                                     | 1.85 (47.0) | 2.25 (57.1) |
| 24           | —                              | 24                            | 24                       | 24                              | 2.09 (53.1)                                     | 1.92 (48.8) | 2.40 (61.0) |
| 28           | —                              | —                             | 28                       | —                               | 2.53 (64.3)                                     | 2.04 (51.8) | 3.00 (76.2) |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —  
1 PLC ± —  
2 PLC ± —  
3 PLC ± —  
4 PLC ± —  
ANGLES ± —

MATERIAL

—

FINISH

—

DWN  
C.C.THOMAS  
31MAY2017

CHK  
E.HALEY  
5-31-17

APVD  
E.HALEY  
5-31-17

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
0.000000

CUSTOMER DRAWING

 TE Connectivity

NAME  
BACKSHELL,90 DEG,SELF LOCKING  
SHIELD BAND TERMINATION,SHRINK  
BOOT ACCOMMODATION

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C=R85049/84

RESTRICTED TO  
—

SCALE  
NTS

SHEET  
3 OF 3

REV  
C

1470-19 (1/15)

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