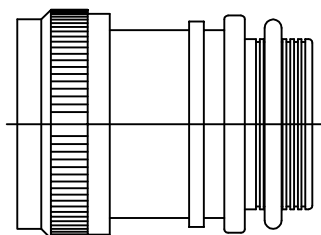


| REVISIONS |                           |          |          |
|-----------|---------------------------|----------|----------|
| LTR       | DESCRIPTION               | DATE     | APPROVED |
| H2        | REVISED PER ECO-12-013906 | 7/29/12  | K. YEE   |
| J         | REVISED PER ECO-12-021161 | 12.04.12 | G.WELLS  |



## CODE 40 TINEL-LOCK ADAPTER

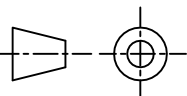
## NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. SEE CH00-0250-008 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
- ③ SEE DRAWING "TR" FOR DETAILS ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR40AB00-1206). RINGS SHALL BEAR NO MARKING.
- ⑤ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑥ ADAPTER MATES TO MIL-C-38999, SERIES III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46, /47 CONNECTORS, AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PAR. 3.5.7.
- ⑦ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S").

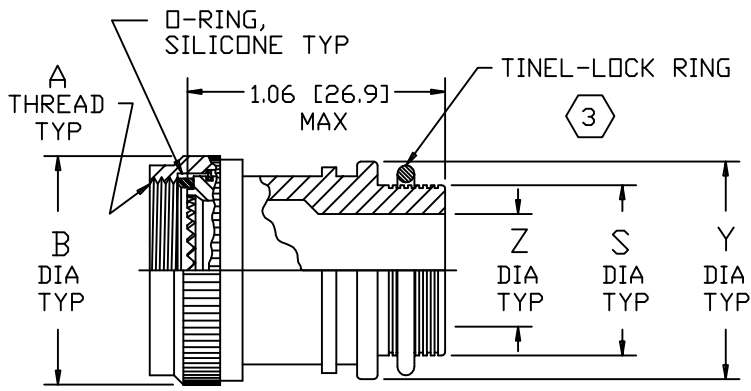
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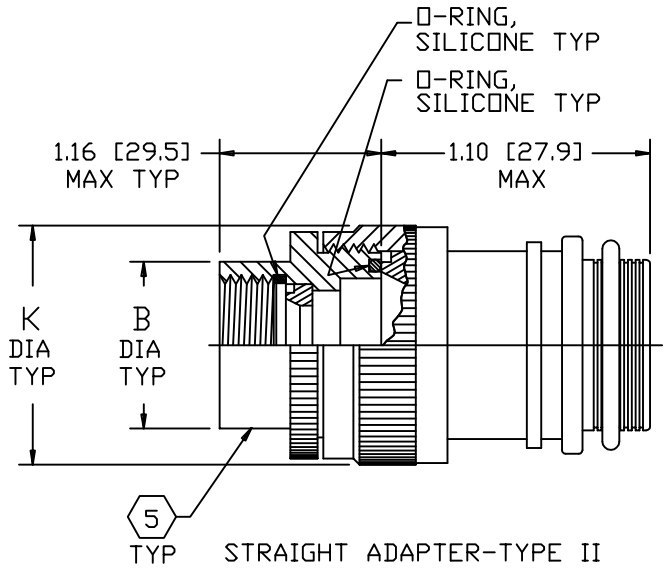
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|                                                                                                                                                   |                                                                                                               |                  |                                                                                                      |                          |                   |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------|--------------------------|-------------------|----------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS.                                                           | DRAWN<br>R. RAMIREZ                                                                                           | DATE<br>03-18-93 |  TE Connectivity |                          |                   |          |
|                                                                                                                                                   | CHECKED                                                                                                       | DATE             |                                                                                                      |                          |                   |          |
| TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION | APPROVED<br>W. C. GAY                                                                                         | DATE<br>05-19-93 | TITLE<br><br>TINEL-LOCK™ ADAPTER                                                                     |                          |                   |          |
|                                                                                                                                                   | APPROVED<br>G. WELLS                                                                                          | DATE<br>11-15-12 |                                                                                                      |                          |                   |          |
| DECIMAL TOLERANCES<br>.XXX ± 0.005 [0.13 mm]<br>.XX ± 0.01 [0.25 mm]<br>.X ± 0.1 [0.50 mm]                                                        | THIRD ANGLE PROJECTION<br> |                  | SIZE<br>A                                                                                            | CODE IDENT. NO.<br>06090 | DWG. NO.<br>TXR40 | REV<br>J |
| ANGLE TOLERANCE<br>.X ± 1 DEG.                                                                                                                    |                                                                                                               |                  | DO NOT SCALE THIS DWG                                                                                |                          |                   |          |
| SHEET 1 OF 3                                                                                                                                      |                                                                                                               |                  |                                                                                                      |                          |                   |          |

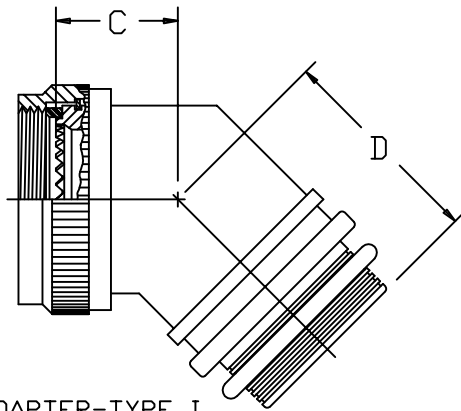
SEE SHEET 1 FOR REVISION



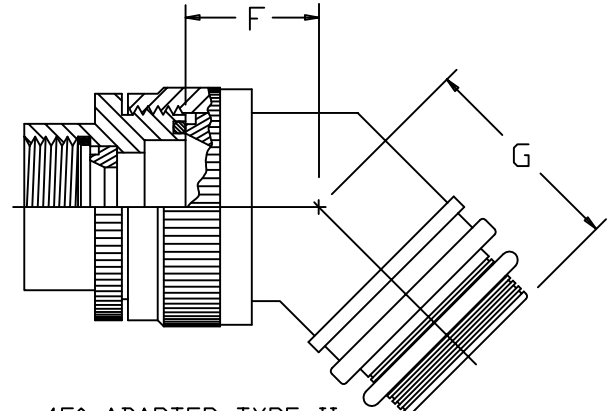
STRAIGHT ADAPTER-TYPE I



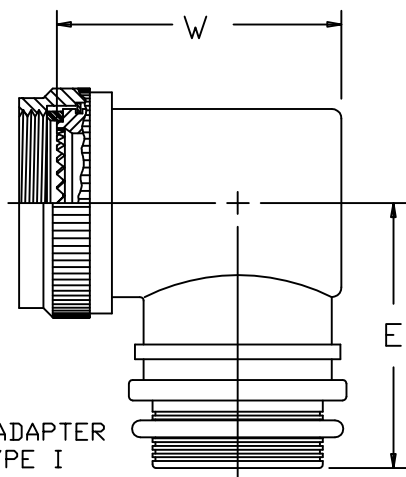
STRAIGHT ADAPTER-TYPE II



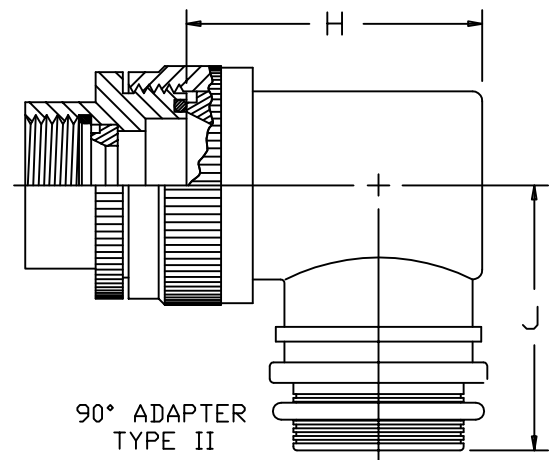
45° ADAPTER-TYPE I



45° ADAPTER-TYPE II



90° ADAPTER  
TYPE I



90° ADAPTER  
TYPE II

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| SIZE                  | CODE IDENT. NO. | DWG. NO.              | REV          |
|-----------------------|-----------------|-----------------------|--------------|
| A                     | 06090           | TXR40                 | J            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr40_2-j_cd | SHEET 2 OF 3 |

| TABLE I   |                                                                                              |     |                                                                                                         |                  |                 |                                                                                             |                |                |                |                |
|-----------|----------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| ORDER NO. | SHELL SIZE  |     | MAX ENTRY SIZE  TYPE I | METRIC THD CLASS | B DIA MAX       | B DIA MAX  | C MAX          | D MAX          | E MAX          | W MAX          |
|           | CDM'L                                                                                        | MIL |                                                                                                         |                  |                 |                                                                                             |                |                |                |                |
| 08        | 9                                                                                            | A   | 04                                                                                                      | M12 X 1.0        | .750<br>[19.1]  | .969<br>[24.6]                                                                              | .82<br>[20.8]  | .89<br>[22.6]  | 1.10<br>[27.9] | .85<br>[21.6]  |
| 10        | 11                                                                                           | B   | 07                                                                                                      | M15 X 1.0        | .850<br>[21.6]  | 1.063<br>[27.0]                                                                             | .84<br>[21.3]  | .92<br>[23.4]  | 1.20<br>[30.5] | .97<br>[24.6]  |
| 12        | 13                                                                                           | C   | 08                                                                                                      | M18 X 1.0        | 1.000<br>[25.4] | 1.219<br>[31.0]                                                                             | .87<br>[22.1]  | .95<br>[24.1]  | 1.26<br>[32.0] | 1.10<br>[27.9] |
| 14        | 15                                                                                           | D   | 10                                                                                                      | M22 X 1.0        | 1.150<br>[29.2] | 1.406<br>[35.7]                                                                             | .89<br>[22.6]  | .95<br>[24.1]  | 1.34<br>[34.0] | 1.22<br>[31.0] |
| 16        | 17                                                                                           | E   | 12                                                                                                      | M25 X 1.0        | 1.250<br>[31.8] | 1.469<br>[37.3]                                                                             | .92<br>[23.4]  | .98<br>[24.9]  | 1.40<br>[35.6] | 1.35<br>[34.3] |
| 18        | 19                                                                                           | F   | 14                                                                                                      | M28 X 1.0        | 1.400<br>[35.6] | 1.594<br>[40.5]                                                                             | .95<br>[24.1]  | 1.01<br>[25.7] | 1.45<br>[36.8] | 1.41<br>[35.8] |
| 20        | 21                                                                                           | G   | 16                                                                                                      | M31 X 1.0        | 1.500<br>[38.1] | 1.750<br>[44.5]                                                                             | .97<br>[24.6]  | 1.04<br>[26.4] | 1.51<br>[38.4] | 1.53<br>[38.9] |
| 22        | 23                                                                                           | H   | 18                                                                                                      | M34 X 1.0        | 1.650<br>[41.9] | 1.844<br>[46.8]                                                                             | 1.00<br>[25.4] | 1.07<br>[27.2] | 1.57<br>[39.9] | 1.66<br>[42.2] |
| 24        | 25                                                                                           | J   | 20                                                                                                      | M37 X 1.0        | 1.750<br>[44.5] | 2.031<br>[51.6]                                                                             | 1.02<br>[25.9] | 1.07<br>[27.2] | 1.67<br>[42.4] | 1.78<br>[45.2] |

| TABLE II   |                     |                                      |                       |                |                |                |                |                |  |
|------------|---------------------|--------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|--|
| ENTRY SIZE | Z<br>+.010<br>-.020 | S<br>DIA                             | Y<br>±.015<br>[±0.38] | F<br>MAX       | G<br>MAX       | H<br>MAX       | J<br>MAX       | K<br>MAX       |  |
| 04         | .250<br>[6.35]      | .376<br>[9.56]<br>.370<br>[9.39]     | .550<br>[13.97]       | N/A            | N/A            | N/A            | N/A            | N/A            |  |
| 05         | .312<br>[7.92]      | .438<br>[11.13]<br>.432<br>[10.97]   | .612<br>[15.54]       | .77<br>[19.6]  | .93<br>[23.6]  | 1.19<br>[30.2] | 1.16<br>[29.5] | .80<br>[20.3]  |  |
| 06         | .375<br>[9.52]      | .501<br>[12.73]<br>.495<br>[12.57]   | .675<br>[17.14]       | .77<br>[19.6]  | .93<br>[23.6]  | 1.19<br>[30.2] | 1.16<br>[29.5] | .80<br>[20.3]  |  |
| 07         | .437<br>[11.09]     | .563<br>[14.31]<br>.556<br>[14.12]   | .737<br>[18.71]       | .80<br>[20.3]  | .95<br>[24.1]  | 1.38<br>[35.1] | 1.22<br>[31.0] | .92<br>[23.4]  |  |
| 08         | .500<br>[12.70]     | .626<br>[15.91]<br>.619<br>[15.72]   | .800<br>[20.32]       | .80<br>[20.3]  | .95<br>[24.1]  | 1.38<br>[35.1] | 1.22<br>[31.0] | .92<br>[23.4]  |  |
| 10         | .625<br>[15.87]     | .752<br>[19.11]<br>.742<br>[18.84]   | .925<br>[23.49]       | .84<br>[21.3]  | 1.00<br>[25.4] | 1.51<br>[38.4] | 1.35<br>[34.3] | 1.18<br>[30.0] |  |
| 12         | .750<br>[19.05]     | .877<br>[22.28]<br>.867<br>[22.02]   | 1.050<br>[26.67]      | .88<br>[22.4]  | 1.01<br>[25.7] | 1.63<br>[41.4] | 1.40<br>[35.6] | 1.35<br>[34.3] |  |
| 14         | .875<br>[22.23]     | 1.002<br>[25.46]<br>.991<br>[25.17]  | 1.175<br>[29.84]      | .88<br>[22.4]  | 1.04<br>[26.4] | 1.78<br>[45.2] | 1.46<br>[37.1] | 1.41<br>[35.8] |  |
| 16         | 1.000<br>[25.40]    | 1.127<br>[28.63]<br>1.116<br>[28.34] | 1.300<br>[33.02]      | .93<br>[23.6]  | 1.06<br>[26.9] | 1.88<br>[47.8] | 1.53<br>[38.9] | 1.60<br>[40.6] |  |
| 18         | 1.125<br>[28.57]    | 1.252<br>[31.81]<br>1.241<br>[31.52] | 1.425<br>[36.19]      | .93<br>[23.6]  | 1.09<br>[27.7] | 2.01<br>[51.1] | 1.59<br>[40.4] | 1.66<br>[42.2] |  |
| 20         | 1.250<br>[31.75]    | 1.377<br>[34.98]<br>1.366<br>[34.69] | 1.550<br>[39.37]      | .98<br>[24.9]  | 1.13<br>[28.7] | 2.13<br>[54.1] | 1.78<br>[45.2] | 2.04<br>[51.8] |  |
| 22         | 1.375<br>[34.93]    | 1.502<br>[38.15]<br>1.488<br>[37.79] | 1.675<br>[42.55]      | 1.03<br>[26.2] | 1.38<br>[35.1] | 2.29<br>[58.2] | 1.85<br>[47.0] | 2.23<br>[56.6] |  |
| 24         | 1.500<br>[38.10]    | 1.627<br>[41.33]<br>1.613<br>[40.97] | 1.800<br>[45.72]      | 1.08<br>[27.2] | 1.44<br>[36.6] | 2.42<br>[61.5] | 1.92<br>[48.8] | 2.23<br>[56.6] |  |

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| SIZE                  | CODE IDENT. NO. | DWG. NO.                | REV          |
|-----------------------|-----------------|-------------------------|--------------|
| A                     | 06090           | TXR40                   | J            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr40_3_j_cd_J | SHEET 3 OF 3 |

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