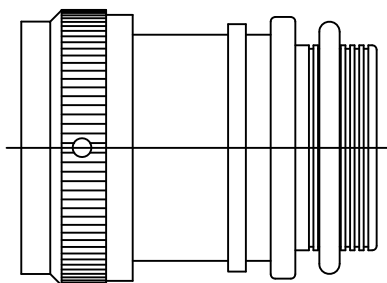


| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| G         | REVISED PER ECO-12-021161 | 04DEC12 | G.WELLS  |
| H         | REVISED PER ECO-15-002324 | 17FEB15 | H.SMITH  |



## CODE 21 STRAIGHT ADAPTER

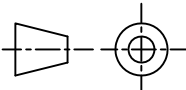
### NOTES:

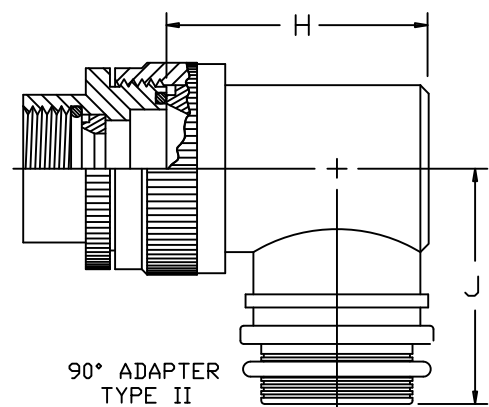
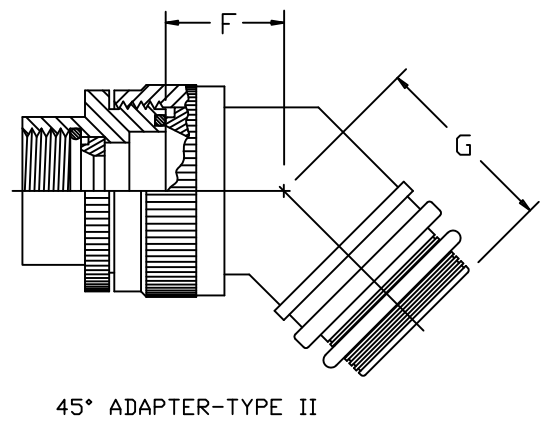
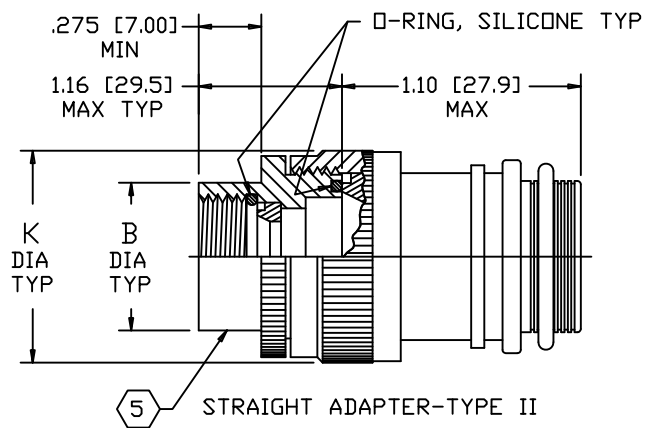
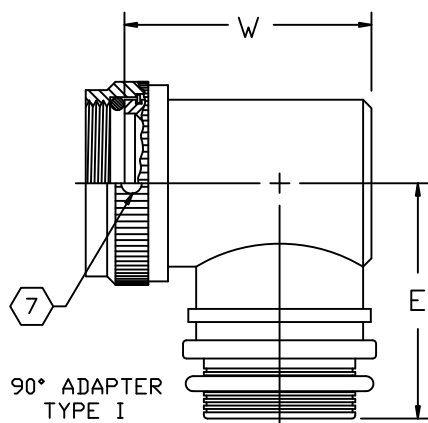
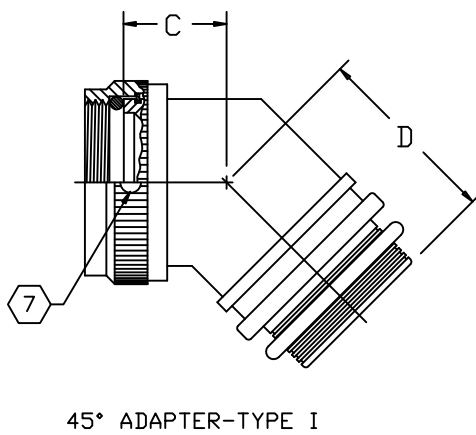
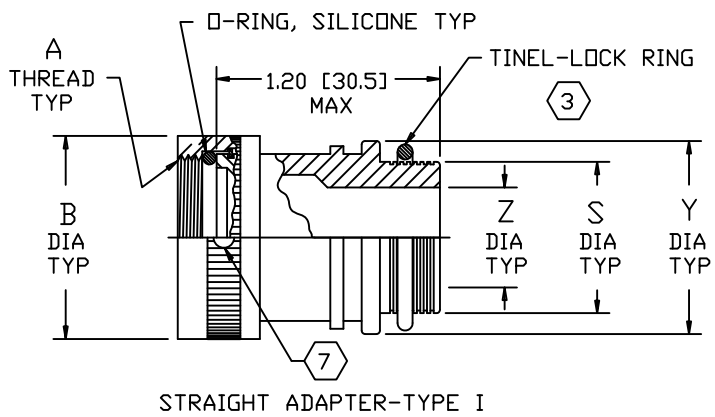
- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- SEE CH00-0250-008 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
- SEE DRAWING "TR" FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
- ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR21AB00-1406). RINGS SHALL BEAR NO MARKING.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ADAPTER MATES TO MIL-C-26482 SERIES 1, MS3110, MS3116, MS3120, MS3126, CLASS E AND F CONNECTORS.
- ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES  $120^\circ \pm 5^\circ$  APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2. NOT REQUIRED FOR TYPE II ADAPTERS.
- THESE DIMENSIONS APPLY IS ADAPTER MATERIAL IS STAINLESS STEEL.

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|                                                                                                                                                                                                                                                                                                            |                                                                                                               |                  |                                                                                                      |                          |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------|--------------------------|-------------------|
| DIMENSIONING AND TOLERANCING PER<br>ASME Y14.5M (ISO STANDARDS)<br><br>UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES. METRIC<br>DIMENSIONS ARE IN BRACKETS.<br><br>DECIMALS<br>.XXX $\pm$ 0.005 [0.13 mm]<br>.XX $\pm$ 0.01 [0.25 mm]<br>.X $\pm$ 0.1 [0.50 mm]<br><br>ANGLES<br>.X $\pm$ 0.5 DEG | DRAWN<br>E. GOLDDY                                                                                            | DATE<br>05-06-93 |  TE Connectivity |                          |                   |
|                                                                                                                                                                                                                                                                                                            | CHECKED                                                                                                       | DATE             |                                                                                                      |                          |                   |
|                                                                                                                                                                                                                                                                                                            | APPROVED<br>W. C. GAY                                                                                         | DATE<br>06-30-93 | TITLE<br><br>TINEL-LOCK <sup>TM</sup> ADAPTER                                                        |                          |                   |
|                                                                                                                                                                                                                                                                                                            | REVISED<br>N. NAGAR                                                                                           | DATE<br>02-17-15 |                                                                                                      |                          |                   |
|                                                                                                                                                                                                                                                                                                            | CAD NAME<br>txr21_1_h_cd                                                                                      |                  | SIZE<br>A                                                                                            | CODE IDENT. NO.<br>06090 | DWG. NO.<br>TXR21 |
|                                                                                                                                                                                                                                                                                                            | THIRD ANGLE<br>PROJECTION  |                  | DO NOT SCALE THIS DWG <span style="float: right;">SHEET 1 OF 3</span>                                |                          |                   |
|                                                                                                                                                                                                                                                                                                            |                                                                                                               |                  | REV<br>H                                                                                             |                          |                   |



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| SIZE                  | CODE IDENT. NO. | DWG. NO.              | REV          |
|-----------------------|-----------------|-----------------------|--------------|
| A                     | 06090           | TXR21                 | H            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr21_2_h_cd | SHEET 2 OF 3 |

TABLE I

| ORDER NO. | SHELL SIZE<br>6 | MAX ENTRY SIZE TYPE I<br>5 | A UNIFIED THD CLASS 2B | B DIA MAX      | C MAX          | D MAX          | E MAX          | W MAX          | W MAX<br>8     |
|-----------|-----------------|----------------------------|------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 08        | 8               | 04                         | .438-28 UNEF           | .72<br>[18,3]  | .85<br>[21,6]  | 1.07<br>[27,3] | 1.14<br>[29,0] | 1.00<br>[25,5] | 1.00<br>[25,4] |
| 10        | 10              | 06                         | .562-24 UNEF           | .85<br>[21,6]  | .88<br>[22,4]  | 1.10<br>[28,0] | 1.20<br>[30,5] | 1.12<br>[28,5] | 1.07<br>[27,2] |
| 12        | 12              | 08                         | .688-24 UNEF           | .98<br>[24,9]  | .91<br>[23,1]  | 1.12<br>[28,5] | 1.27<br>[32,3] | 1.26<br>[32,0] | 1.19<br>[30,2] |
| 14        | 14              | 10                         | .812-20 UNEF           | 1.11<br>[28,2] | .92<br>[23,4]  | 1.16<br>[29,5] | 1.32<br>[33,5] | 1.40<br>[35,5] | 1.32<br>[33,5] |
| 16        | 16              | 12                         | .938-20 UNEF           | 1.23<br>[31,2] | .95<br>[24,1]  | 1.18<br>[30,2] | 1.37<br>[34,8] | 1.51<br>[38,5] | 1.44<br>[36,6] |
| 18        | 18              | 12                         | 1.062-18 UNEF          | 1.36<br>[34,5] | .96<br>[24,4]  | 1.22<br>[31,0] | 1.43<br>[36,3] | 1.65<br>[42,0] | 1.57<br>[39,9] |
| 20        | 20              | 14                         | 1.188-18 UNEF          | 1.48<br>[37,6] | .99<br>[25,1]  | 1.23<br>[31,4] | 1.50<br>[38,1] | 1.79<br>[45,5] | 1.70<br>[43,2] |
| 22        | 22              | 16                         | 1.312-18 UNEF          | 1.60<br>[40,6] | 1.01<br>[25,7] | 1.24<br>[31,6] | 1.56<br>[39,6] | 1.90<br>[48,5] | 1.82<br>[46,2] |
| 24        | 24              | 18                         | 1.438-18 UNEF          | 1.71<br>[43,6] | 1.03<br>[26,2] | 1.28<br>[32,6] | 1.61<br>[40,9] | 2.03<br>[51,5] | 1.94<br>[49,3] |

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 [ 9.56]<br>.370 [ 9.39]     | .550<br>[13.97]       | N/A            | N/A            | N/A            | N/A            | N/A            |
| 05         | .312<br>[7.92]      | .438 [ 11.13]<br>.432 [ 10.97]   | .612<br>[15.54]       | .77<br>[19.6]  | 1.10<br>[28.0] | 1.19<br>[30.2] | 1.16<br>[29.5] | .82<br>[21.0]  |
| 06         | .375<br>[9.52]      | .501 [ 12.73]<br>.495 [ 12.57]   | .675<br>[17.14]       | .77<br>[19.6]  | 1.10<br>[28.0] | 1.19<br>[30.2] | 1.16<br>[29.5] | .82<br>[21.0]  |
| 07         | .437<br>[11.09]     | .563 [ 14.31]<br>.556 [ 14.12]   | .737<br>[18.71]       | .80<br>[20.3]  | 1.10<br>[28.0] | 1.38<br>[35.1] | 1.22<br>[31.0] | .92<br>[23.4]  |
| 08         | .500<br>[12.70]     | .626 [ 15.91]<br>.619 [ 15.72]   | .800<br>[20.32]       | .80<br>[20.3]  | 1.12<br>[28.5] | 1.38<br>[35.1] | 1.22<br>[31.0] | .96<br>[24.5]  |
| 10         | .625<br>[15.87]     | .752 [ 19.11]<br>.742 [ 18.84]   | .925<br>[23.49]       | .84<br>[21.3]  | 1.16<br>[29.5] | 1.51<br>[38.4] | 1.35<br>[34.3] | 1.18<br>[30.0] |
| 12         | .750<br>[19.05]     | .877 [ 22.28]<br>.867 [ 22.02]   | 1.050<br>[26.67]      | .88<br>[22.4]  | 1.19<br>[30.2] | 1.63<br>[41.4] | 1.40<br>[35.6] | 1.35<br>[34.3] |
| 14         | .875<br>[22.23]     | 1.002 [ 25.46]<br>.991 [ 25.17]  | 1.175<br>[29.84]      | .88<br>[22.4]  | 1.22<br>[31.0] | 1.78<br>[45.2] | 1.46<br>[37.1] | 1.41<br>[35.8] |
| 16         | 1.000<br>[25.40]    | 1.127 [ 28.63]<br>1.116 [ 28.34] | 1.300<br>[33.02]      | .93<br>[23.6]  | 1.23<br>[31.4] | 1.88<br>[47.8] | 1.53<br>[38.9] | 1.60<br>[40.6] |
| 18         | 1.125<br>[28.57]    | 1.252 [ 31.81]<br>1.241 [ 31.52] | 1.425<br>[36.19]      | .93<br>[23.6]  | 1.24<br>[31.6] | 2.01<br>[51.1] | 1.59<br>[40.4] | 1.66<br>[42.2] |
| 20         | 1.250<br>[31.75]    | 1.377 [ 34.98]<br>1.366 [ 34.69] | 1.550<br>[39.37]      | .98<br>[24.9]  | 1.28<br>[32.6] | 2.13<br>[54.1] | 1.78<br>[45.2] | 2.04<br>[51.8] |
| 22         | 1.375<br>[34.93]    | 1.502 [ 38.15]<br>1.488 [ 37.79] | 1.675<br>[42.55]      | 1.03<br>[26.2] | 1.40<br>[35.8] | 2.29<br>[58.2] | 1.85<br>[47.0] | 2.23<br>[56.6] |
| 24         | 1.500<br>[38.10]    | 1.627 [ 41.33]<br>1.613 [ 40.97] | 1.800<br>[45.72]      | 1.08<br>[27.4] | 1.52<br>[38.6] | 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           | TXR21                 | H            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr21_3_h_cd | SHEET 3 OF 3 |