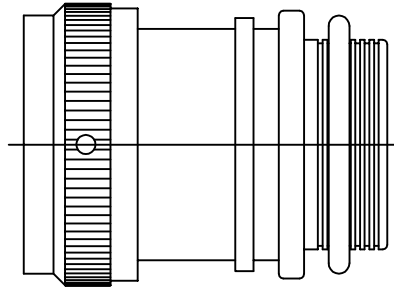


| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| F         | REVISED PER ECD-12-001291 | 19JAN12 | K. YEE   |
| G         | REVISED PER ECD-12-021161 | 04DEC12 | G.WELLS  |



CODE 21  
STRAIGHT ADAPTER

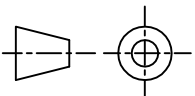
NOTES:

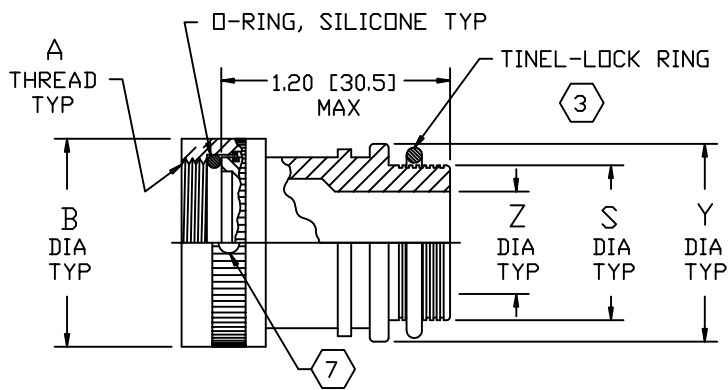
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. SEE CH00-0250-008 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
- ③ SEE DRAWING "TR" FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
4. 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.
- ⑤ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑥ ADAPTER MATES TO MIL-C-26482 SERIES 1, MS3110, MS3116, MS3120, MS3126, CLASS E AND F CONNECTORS.
- ⑦ 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.

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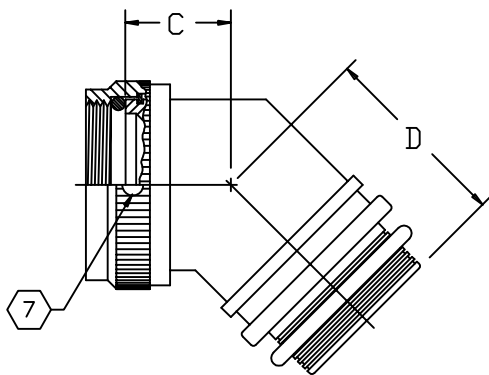
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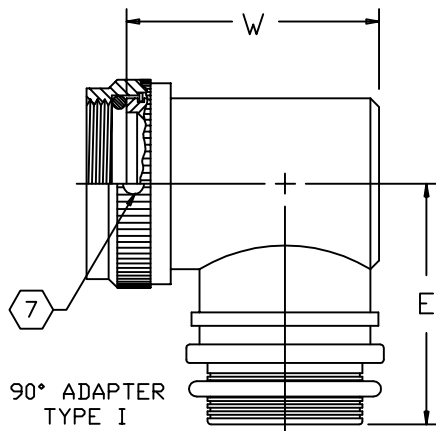
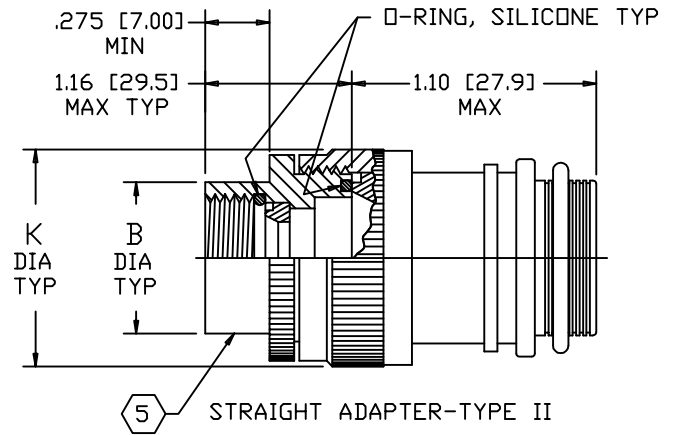
|                                                                                                                                                                                                                                                                 |                            |                  |                                                                                                      |                          |                   |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------|------------------------------------------------------------------------------------------------------|--------------------------|-------------------|-----------------------------------------------|
| 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 ± — [ mm]<br>.XX ± — [ mm]<br>.X ± — [ mm]<br><br>ANGLES<br>.X ± — | DRAWN<br>E. GOLDY          | DATE<br>05-06-93 |  TE Connectivity |                          |                   |                                               |
|                                                                                                                                                                                                                                                                 | CHECKED                    | DATE             |                                                                                                      |                          |                   | TITLE<br><br>TINEL-LOCK <sup>TM</sup> ADAPTER |
|                                                                                                                                                                                                                                                                 | APPROVED<br>W. C. GAY      | DATE<br>06-30-93 |                                                                                                      |                          |                   |                                               |
|                                                                                                                                                                                                                                                                 | APPROVED                   | DATE             |                                                                                                      |                          |                   |                                               |
|                                                                                                                                                                                                                                                                 | CAD NAME<br>txr21_1_g_cd_G |                  | SIZE<br>A                                                                                            | CODE IDENT. NO.<br>06090 | DWG. NO.<br>TXR21 | REV<br>G                                      |
| THIRD ANGLE PROJECTION                                                                                                                                                       |                            |                  | DO NOT SCALE THIS DWG                                                                                |                          |                   |                                               |
|                                                                                                                                                                                                                                                                 |                            |                  | SHEET 1 OF 3                                                                                         |                          |                   |                                               |



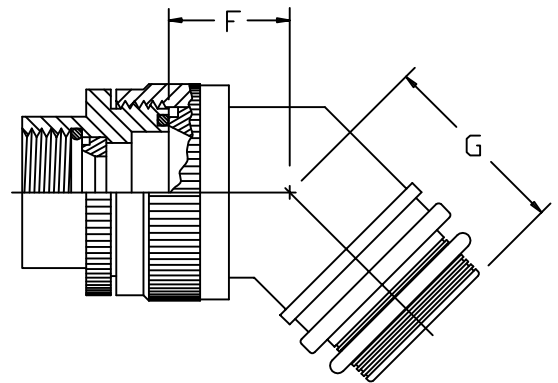
STRAIGHT ADAPTER-TYPE I



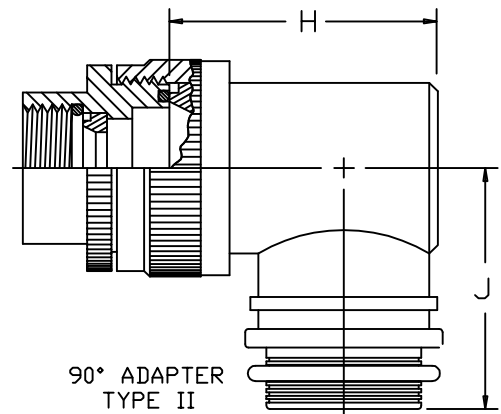
45° ADAPTER-TYPE I

90° ADAPTER  
TYPE I

STRAIGHT ADAPTER-TYPE II



45° ADAPTER-TYPE II

90° ADAPTER  
TYPE IIRaychem Adapters  
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| SIZE                  | CODE IDENT. NO. | DWG. NO.                | REV          |
|-----------------------|-----------------|-------------------------|--------------|
| A                     | 06090           | TXR21                   | G            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr21_2_g_cd_g | SHEET 2 OF 3 |

| TABLE I   |                 |                               |                              |                 |                |                |                |                |
|-----------|-----------------|-------------------------------|------------------------------|-----------------|----------------|----------------|----------------|----------------|
| ORDER NO. | SHELL SIZE<br>6 | MAX ENTRY SIZE<br>TYPE I<br>5 | A<br>UNIFIED THD<br>CLASS 2B | B<br>DIA<br>MAX | C<br>MAX       | D<br>MAX       | E<br>MAX       | W<br>MAX       |
| 08        | 8               | 04                            | .438-28 UNEF                 | .72<br>[18,3]   | .85<br>[21,6]  | .91<br>[23,1]  | 1.14<br>[29,0] | 1.00<br>[25,4] |
| 10        | 10              | 06                            | .562-24 UNEF                 | .85<br>[21,6]   | .88<br>[22,4]  | .94<br>[23,9]  | 1.20<br>[30,5] | 1.07<br>[27,2] |
| 12        | 12              | 08                            | .688-24 UNEF                 | .98<br>[24,9]   | .91<br>[23,1]  | .97<br>[24,6]  | 1.27<br>[32,3] | 1.19<br>[30,2] |
| 14        | 14              | 10                            | .812-20 UNEF                 | 1.11<br>[28,2]  | .92<br>[23,4]  | .98<br>[24,9]  | 1.32<br>[33,5] | 1.32<br>[33,5] |
| 16        | 16              | 12                            | .938-20 UNEF                 | 1.23<br>[31,2]  | .95<br>[24,1]  | 1.01<br>[25,7] | 1.37<br>[34,8] | 1.44<br>[36,6] |
| 18        | 18              | 12                            | 1.062-18 UNEF                | 1.36<br>[34,5]  | .96<br>[24,4]  | 1.02<br>[25,9] | 1.43<br>[36,3] | 1.57<br>[39,9] |
| 20        | 20              | 14                            | 1.188-18 UNEF                | 1.48<br>[37,6]  | .99<br>[25,1]  | 1.05<br>[26,7] | 1.50<br>[38,1] | 1.69<br>[42,9] |
| 22        | 22              | 16                            | 1.312-18 UNEF                | 1.60<br>[40,6]  | 1.01<br>[25,7] | 1.08<br>[27,4] | 1.56<br>[39,6] | 1.82<br>[46,2] |
| 24        | 24              | 18                            | 1.438-18 UNEF                | 1.70<br>[43,2]  | 1.03<br>[26,2] | 1.09<br>[27,7] | 1.61<br>[40,9] | 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<br>[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<br>[11.13]<br>.432 [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 [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 [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 [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 [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 [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 [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 [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 [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 [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 [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 [40.97] | 1.800<br>[45.72]      | 1.08<br>[27.4] | 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           | TXR21                   | G            |
| DO NOT SCALE THIS DWG |                 | CAD NAME txr21_3_g_cd_g | SHEET 3 OF 3 |