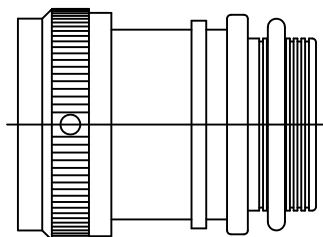


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# REVISIONS

| LTR | DESCRIPTION               | DATE   | APPROVED |
|-----|---------------------------|--------|----------|
| F   | REVISED PER ECO-13-007346 | 5/7/13 | N.SWATKO |



## CODE 51 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-TXR51AB00-1406). RINGS SHALL BEAR NO MARKING.
- ⑤ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑥ ADAPTER MATES TO MIL-C-26500, CLASS F, G & R, ALUMINUM SHELL, MS24264, MS24265, MS24266 AND MIL-C-38300 CONNECTORS.
- ⑦ ANTI-ROTATIONAL SET SCREW, THREE THREADED HOLES 120° ± 5° APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2, NOT REQUIRED FOR TYPE II ADAPTERS.

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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
METRIC DIMENSIONS ARE  
IN BRACKETS.

### DECIMALS

.XXX ± — [ mm]  
.XX ± — [ mm]  
.X ± — [ mm]

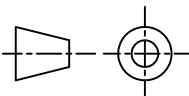
### ANGLES

.X ± —

|                    |                  |
|--------------------|------------------|
| DRAWN<br>J. BITTER | DATE<br>08-13-93 |
| CHECKED            | DATE             |
| APPROVED           | DATE             |
| APPROVED           | DATE             |

CAD NAME \ACAD12\TXR51

THIRD ANGLE  
PROJECTION

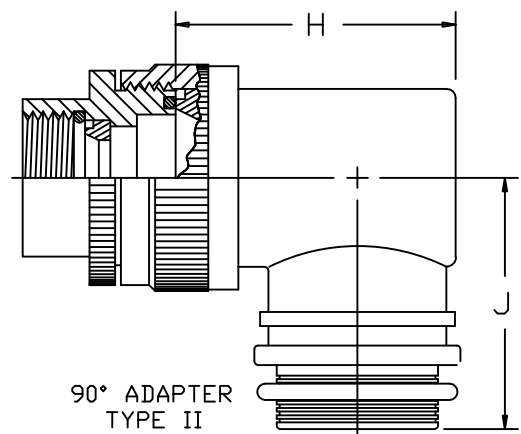
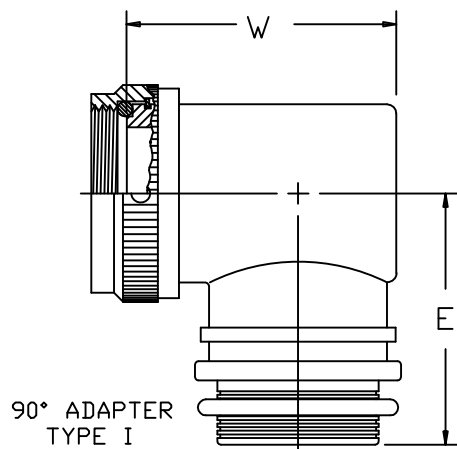
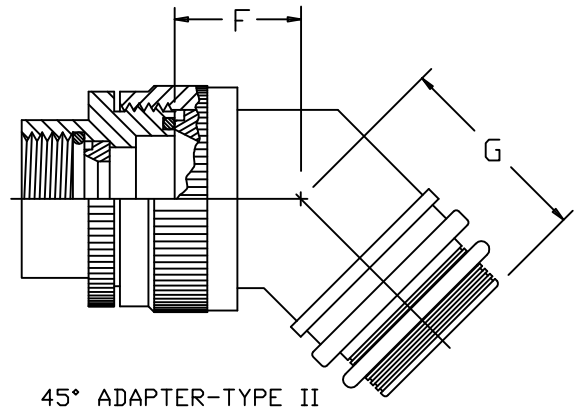
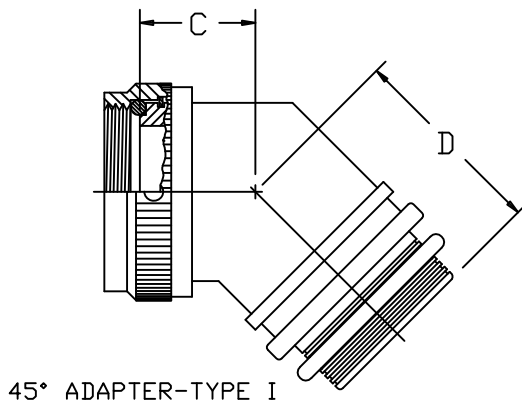
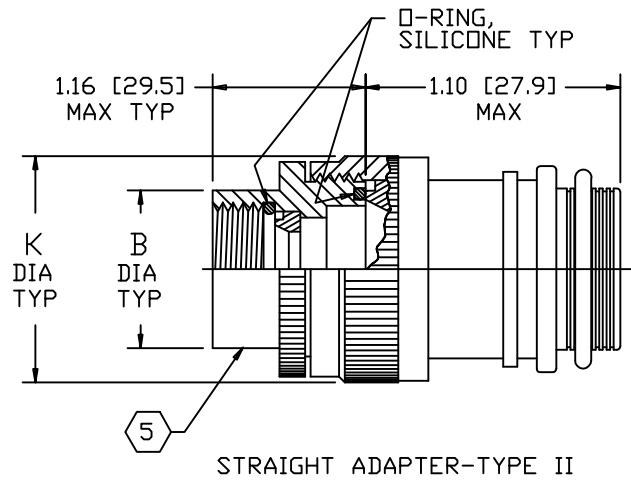
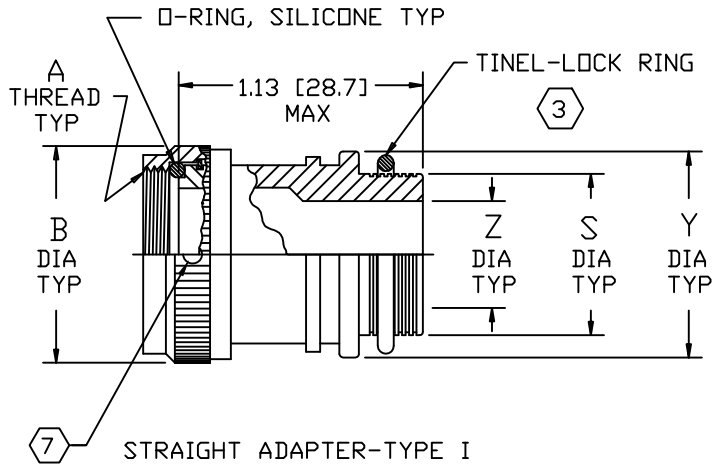


TE Connectivity

### TITLE

TINEL-LOCK™ ADAPTER

| SIZE                  | CODE IDENT. NO. | DWG. NO.     | REV |
|-----------------------|-----------------|--------------|-----|
| A                     | 06090           | TXR51        | F   |
| DO NOT SCALE THIS DWG |                 | SHEET 1 OF 3 |     |



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| SIZE                  | CODE IDENT. NO. | DWG. NO.                 | REV          |
|-----------------------|-----------------|--------------------------|--------------|
| A                     | 06090           | TXR51                    | F            |
| DO NOT SCALE THIS DWG |                 | CAD NAME \ACAD12\TXR51-2 | SHEET 2 OF 3 |

| TABLE I   |                                                                                              |                                                                                                         |                   |                |                |                |                |
|-----------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------|----------------|----------------|----------------|----------------|
| ORDER NO. | SHELL SIZE  | MAX ENTRY SIZE TYPE I  | A THREAD CLASS 2B | B DIA MAX      | C MAX          | D MAX          | E MAX          |
| 08        | 08                                                                                           | 05                                                                                                      | .438-28 UNEF      | .79<br>[20.1]  | .79<br>[20.1]  | .95<br>[24.1]  | 1.21<br>[30.7] |
| 10        | 10                                                                                           | 07                                                                                                      | .562-24 UNEF      | .91<br>[23.1]  | .81<br>[20.6]  | .97<br>[24.6]  | 1.28<br>[32.5] |
| 12        | 12                                                                                           | 10                                                                                                      | .750-20 UNEF      | 1.10<br>[27.9] | .85<br>[21.6]  | 1.01<br>[25.7] | 1.37<br>[34.0] |
| 14        | 14                                                                                           | 10                                                                                                      | .812-20 UNEF      | 1.16<br>[29.5] | .87<br>[22.1]  | 1.02<br>[25.9] | 1.40<br>[35.6] |
| 16        | 16                                                                                           | 12                                                                                                      | .936-20 UNEF      | 1.29<br>[32.8] | .89<br>[22.6]  | 1.05<br>[26.7] | 1.46<br>[37.1] |
| 18        | 18                                                                                           | 14                                                                                                      | 1.062-18 UNEF     | 1.41<br>[35.8] | .92<br>[23.4]  | 1.07<br>[27.2] | 1.53<br>[38.9] |
| 20        | 20                                                                                           | 16                                                                                                      | 1.188-18 UNEF     | 1.54<br>[39.1] | .94<br>[23.9]  | 1.10<br>[27.9] | 1.59<br>[40.4] |
| 22        | 22                                                                                           | 18                                                                                                      | 1.312-18 UNEF     | 1.66<br>[42.2] | .97<br>[24.6]  | 1.13<br>[28.7] | 1.65<br>[41.9] |
| 24        | 24                                                                                           | 20                                                                                                      | 1.438-18 UNEF     | 1.79<br>[45.5] | 1.00<br>[25.4] | 1.15<br>[29.2] | 1.71<br>[43.4] |

| TABLE II   |                     |                                |                       |                |                |                |                |                |                |
|------------|---------------------|--------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| ENTRY SIZE | Z<br>+.010<br>-.020 | S<br>DIA                       | Y<br>±.015<br>[±0.38] | W<br>MAX       | 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]       | 1.17<br>[29.7] | 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]       | 1.23<br>[31.2] | N/A            | N/A            | N/A            | N/A            | N/A            |
| 06         | .375<br>[9.52]      | .501 [12.73]<br>.495 [12.57]   | .675<br>[17.14]       | 1.29<br>[32.8] | .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 [14.31]<br>.556 [14.12]   | .737<br>[18.71]       | 1.35<br>[34.3] | .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 [15.91]<br>.619 [15.72]   | .800<br>[20.32]       | 1.40<br>[35.6] | .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 [19.11]<br>.742 [18.84]   | .925<br>[23.49]       | 1.53<br>[38.9] | .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 [22.28]<br>.867 [22.02]   | 1.050<br>[26.67]      | 1.67<br>[42.4] | .86<br>[21.8]  | 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 [25.46]<br>.991 [25.17]  | 1.175<br>[29.84]      | 1.79<br>[45.5] | .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 [28.63]<br>1.116 [28.34] | 1.300<br>[33.02]      | 1.91<br>[48.5] | .91<br>[23.1]  | 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 [31.81]<br>1.241 [31.52] | 1.425<br>[36.19]      | 2.03<br>[51.6] | .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 [34.98]<br>1.366 [34.69] | 1.550<br>[39.37]      | 2.17<br>[55.1] | .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 [38.15]<br>1.488 [37.79] | 1.675<br>[42.55]      | N/A            | 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 [41.33]<br>1.613 [40.97] | 1.800<br>[45.72]      | N/A            | 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<br>A             | CODE IDENT. NO.<br>06090 | DWG. NO.<br>TXR51      | REV<br>F     |
| DO NOT SCALE THIS DWG |                          | CAD NAME \ACAD\TXR51-3 | SHEET 3 OF 3 |

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- Техническую поддержку проекта.
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