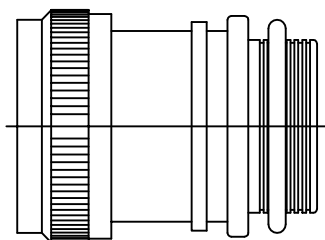


TE CONNECTIVITY RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| G1        | REVISED PER ECO-11-005139 | 29MAR11 | HMR      |
| H         | REVISED PER ECO-12-021161 | 04DEC12 | G.WELLS  |



## CODE 41 TINEL-LOCK 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 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.
- ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR41AB00-1206). RINGS SHALL BEAR NO MARKING.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ADAPTER MATES TO MIL-C-38999, SERIES I & II, CLASS E AND T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656 CONNECTORS.
- THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S").

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

#### DECIMALS

.XXX ± 0.005 [ 0.13 mm]  
.XX ± 0.01 [ 0.25 mm]  
.X ± 0.1 [ 0.50 mm]

#### ANGLES

.X ± 0.5 DEG

DRAWN R. RAMIREZ 03-18-93

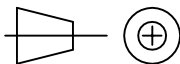
CHECKED --- ---

APPROVED W.C. GAY 05-19-93

REVISED MFORONDA 5/22/06

CAD NAME: txr41\_1\_h\_cd\_H

THIRD ANGLE  
PROJECTION



TE Connectivity

TITLE

TINEL-LOCK™ ADAPTER

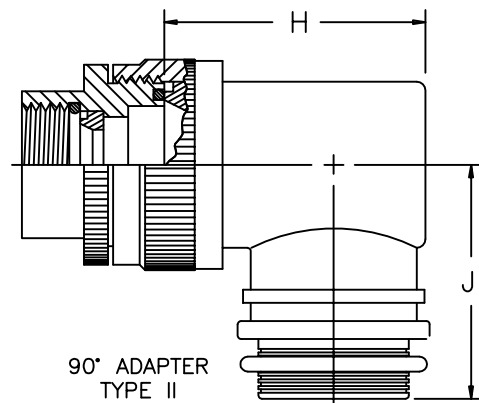
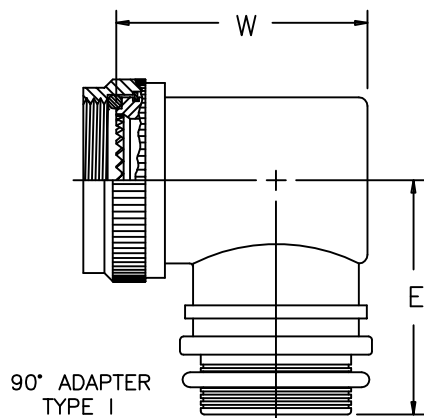
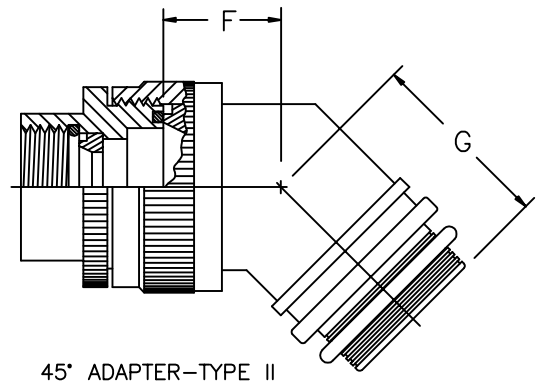
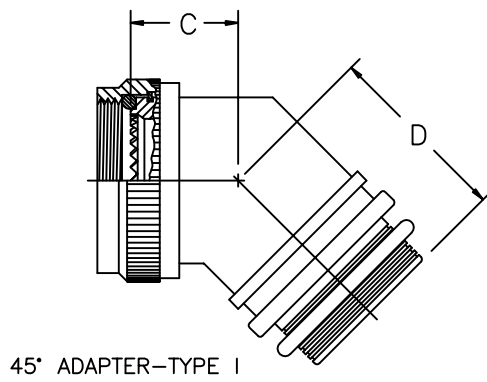
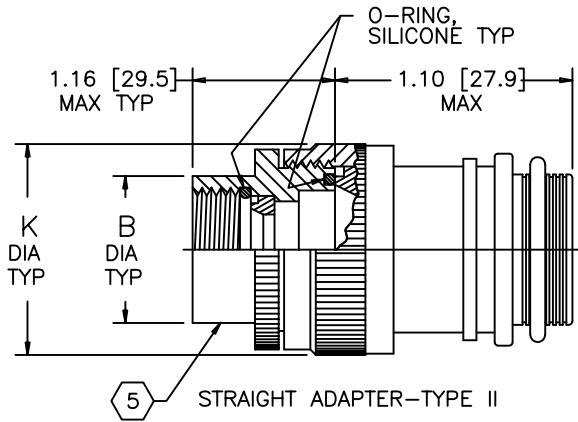
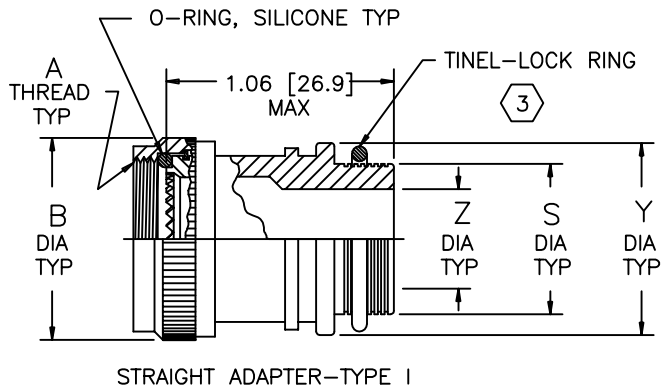
SIZE CODE IDENT. NO. DWG. NO.

A 06090

TXR41

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SHEET 1 OF 3



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| SIZE                      | CODE IDENT. NO. | DWG. NO.                 | REV          |
|---------------------------|-----------------|--------------------------|--------------|
| A                         | 06090           | TXR41                    | H            |
| DO NOT SCALE THIS DRAWING |                 | CAD NAME: txr41_2_h_cd_H | SHEET 2 OF 3 |

TABLE I

| ORDER NO. | SHELL SIZE  |       | MAX ENTRY SIZE  TYPE I | A UNIFIED THD CLASS 2B | B DIA MAX        | B DIA MAX  | C MAX         | D MAX          | E MAX          | W MAX          |
|-----------|----------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------|------------------------|------------------|----------------------------------------------------------------------------------------------|---------------|----------------|----------------|----------------|
|           | SER 1                                                                                        | SER 2 |                                                                                                         |                        |                  |                                                                                              |               |                |                |                |
| 08        | 9                                                                                            | 8     | 04                                                                                                      | .438-28 UNEF           | .750<br>[19.1]   | .969<br>[24.6]                                                                               | .69<br>[17.5] | .91<br>[23.1]  | 1.15<br>[29.2] | .85<br>[21.6]  |
| 10        | 11                                                                                           | 10    | 06                                                                                                      | .562-24 UNEF           | .850<br>[21.6]   | 1.063<br>[27.0]                                                                              | .72<br>[18.3] | .93<br>[23.6]  | 1.21<br>[30.7] | .97<br>[24.6]  |
| 12        | 13                                                                                           | 12    | 08                                                                                                      | .688-24 UNEF           | 1.000<br>[24.4]  | 1.219<br>[31.0]                                                                              | .74<br>[18.8] | .96<br>[24.4]  | 1.28<br>[32.5] | 1.10<br>[27.9] |
| 14        | 15                                                                                           | 14    | 10                                                                                                      | .812-20 UNEF           | 1.142<br>[29.00] | 1.406<br>[35.7]                                                                              | .76<br>[19.3] | .98<br>[24.9]  | 1.34<br>[34.0] | 1.22<br>[31.0] |
| 16        | 17                                                                                           | 16    | 12                                                                                                      | .938-20 UNEF           | 1.250<br>[31.8]  | 1.469<br>[37.3]                                                                              | .79<br>[20.1] | 1.00<br>[25.4] | 1.40<br>[35.6] | 1.35<br>[34.3] |
| 18        | 19                                                                                           | 18    | 12                                                                                                      | 1.062-18 UNEF          | 1.400<br>[35.6]  | 1.594<br>[40.5]                                                                              | .81<br>[20.6] | 1.03<br>[26.2] | 1.46<br>[37.1] | 1.41<br>[35.8] |
| 20        | 21                                                                                           | 20    | 14                                                                                                      | 1.188-18 UNEF          | 1.500<br>[38.1]  | 1.750<br>[44.5]                                                                              | .84<br>[21.3] | 1.06<br>[26.9] | 1.53<br>[38.9] | 1.53<br>[38.9] |
| 22        | 23                                                                                           | 22    | 16                                                                                                      | 1.312-18 UNEF          | 1.650<br>[41.9]  | 1.844<br>[46.8]                                                                              | .87<br>[22.1] | 1.08<br>[27.4] | 1.59<br>[40.4] | 1.66<br>[42.2] |
| 24        | 25                                                                                           | 24    | 18                                                                                                      | 1.438-18 UNEF          | 1.750<br>[44.45] | 2.031<br>[51.6]                                                                              | .89<br>[22.6] | 1.11<br>[28.2] | 1.65<br>[41.9] | 1.78<br>[45.2] |

TABLE II

| ENTRY SIZE | Z<br>+.010<br>-.020 | S DIA            |                  | Y<br>±.015<br>[±0.38] | F MAX          | G MAX          | H MAX          | J MAX          | K MAX          |
|------------|---------------------|------------------|------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|
| 04         | .250<br>[6.35]      | .376<br>[9.56]   | .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]  | .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]  | .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]  | .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]  | .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]  | .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]  | .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] | .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] | 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] | 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] | 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] | 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] | 1.613<br>[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           | TXR41    | H   |
| DO NOT SCALE THIS DRAWING CAD NAME: txr41_3_h_cd_H SHEET 3 OF 3 |                 |          |     |

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