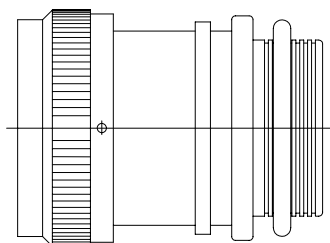


| REVISIONS | | | |
|-----------|-------------------------|------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| H | REVISED PER ECN AD95009 | | |



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").
- ⑧ COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES, 120° APART.

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SPECIFICATION CONTROL DRAWING

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

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

ANGLES
.X ± —

| | |
|------------------------|------------------|
| DRAWN R. RAMIREZ | DATE 03-18-93 |
| CHECKED | DATE |
| APPROVED W. C. GAY | DATE 05-19-93 |
| APPROVED | DATE |
| CAD NAME \ACAD12\TXR40 | |

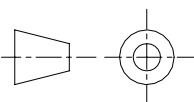
tyco
Electronics

Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA. 94025 U.S.A.

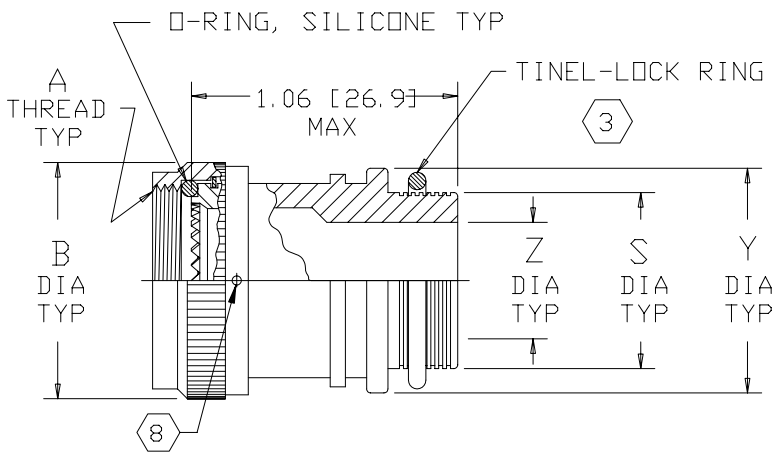
Raychem

TITLE
TINEL-LOCK™ ADAPTER

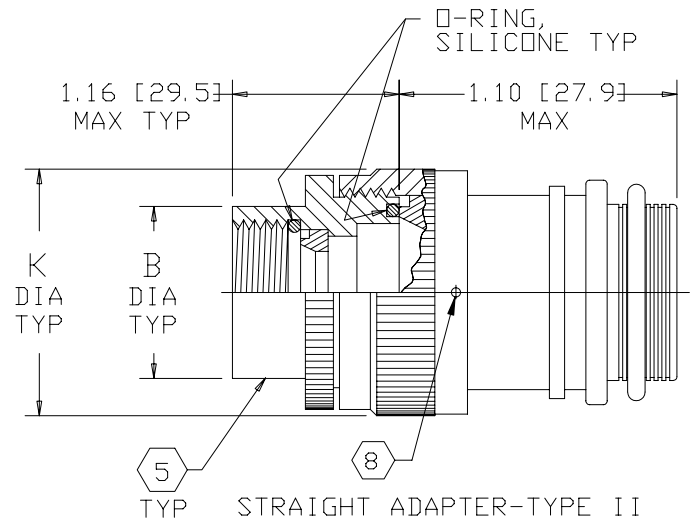
THIRD ANGLE
PROJECTION



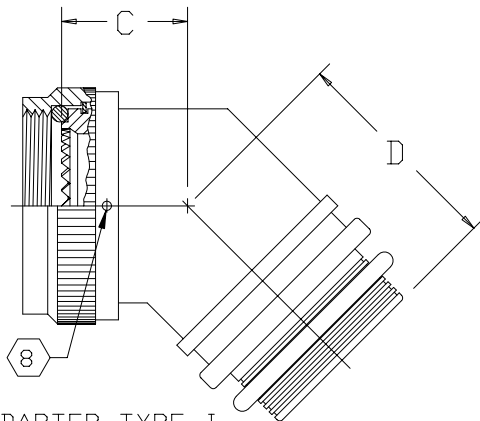
| | | | |
|-----------------------|--------------------------|-------------------|--------------|
| SIZE A | CODE IDENT. NO. 06090 | DWG. NO. TXR40 | REV H |
| DO NOT SCALE THIS DWG | | | SHEET 1 OF 3 |



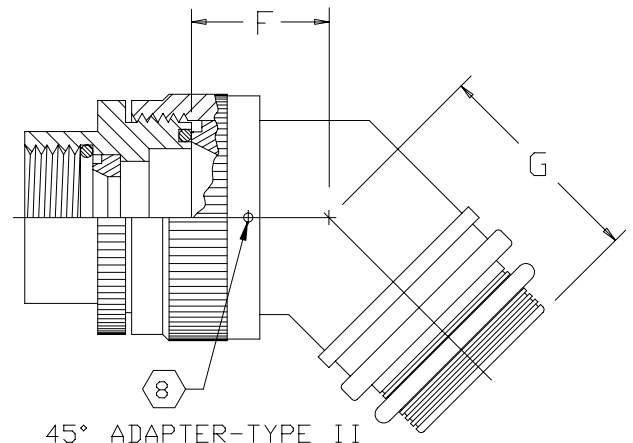
STRAIGHT ADAPTER-TYPE I



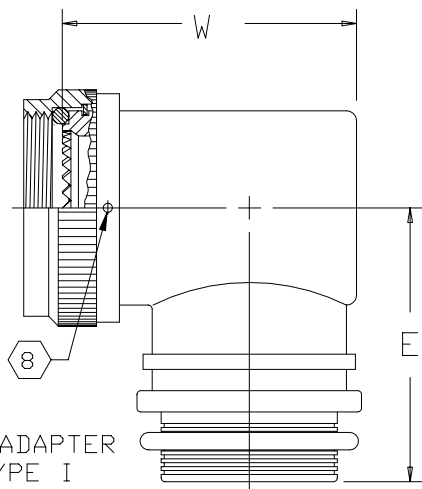
TYP STRAIGHT ADAPTER-TYPE II



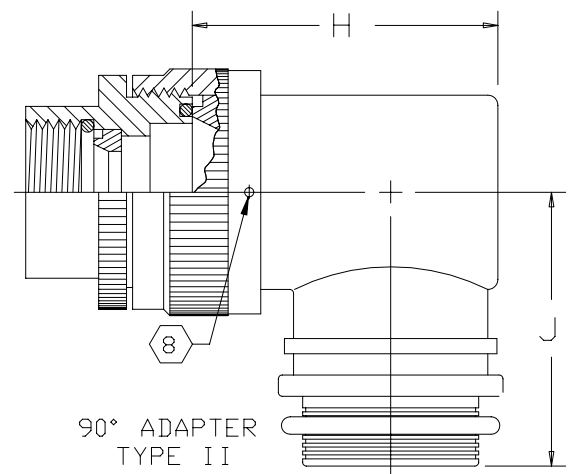
45° ADAPTER-TYPE I



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 | H |
| DO NOT SCALE THIS DWG | | | CAD NAME \ACAD12\TXR40-2 | SHEET 2 OF 3 |

TABLE I




| ORDER NO. | SHELL SIZE  | | MAX ENTRY SIZE  TYPE I | A METRIC THD CLASS 6H | B DIA MAX | B DIA MAX  | C MAX | D MAX | E MAX |
|-----------|----------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------|-----------------------|-----------------|----------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| | COM'L | MIL | | | | | | | |
| 08 | 9 | A | 04 | M12 X 1.0 | .750 [19.1] | .969 [24.6] | .82 [20.8] | .89 [22.6] | 1.10 [27.9] |
| 10 | 11 | B | 07 | M15 X 1.0 | .850 [21.6] | 1.063 [27.0] | .84 [21.3] | .92 [23.4] | 1.20 [30.5] |
| 12 | 13 | C | 08 | M18 X 1.0 | 1.000 [25.4] | 1.219 [31.0] | .87 [22.1] | .95 [24.1] | 1.26 [32.0] |
| 14 | 15 | D | 10 | M22 X 1.0 | 1.150 [29.2] | 1.406 [35.7] | .89 [22.6] | .95 [24.1] | 1.34 [34.0] |
| 16 | 17 | E | 12 | M25 X 1.0 | 1.250 [31.8] | 1.469 [37.3] | .92 [23.4] | .98 [24.9] | 1.40 [35.6] |
| 18 | 19 | F | 14 | M28 X 1.0 | 1.400 [35.6] | 1.594 [40.5] | .95 [24.1] | 1.01 [25.7] | 1.45 [36.8] |
| 20 | 21 | G | 16 | M31 X 1.0 | 1.500 [38.1] | 1.750 [44.5] | .97 [24.6] | 1.04 [26.4] | 1.51 [38.4] |
| 22 | 23 | H | 18 | M34 X 1.0 | 1.650 [41.9] | 1.844 [46.8] | 1.00 [25.4] | 1.07 [27.2] | 1.57 [39.9] |
| 24 | 25 | J | 20 | M37 X 1.0 | 1.750 [44.5] | 2.031 [51.6] | 1.02 [25.9] | 1.07 [27.2] | 1.67 [42.4] |

TABLE II

| ENTRY SIZE | Z +.010 -.020 | S DIA | Y ±.015 [±0.38] | W MAX | F MAX | G MAX | H MAX | J MAX | K MAX |
|------------|---------------------|--------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 04 | .250 [6.35] | .376 [9.56] .370 [9.39] | .550 [13.97] | 1.23 [31.2] | N/A | N/A | N/A | N/A | N/A |
| 05 | .312 [7.92] | .438 [11.13] .432 [10.97] | .612 [15.54] | 1.29 [32.8] | .77 [19.6] | .93 [23.6] | 1.19 [30.2] | 1.16 [29.5] | .80 [20.3] |
| 06 | .375 [9.52] | .501 [12.73] .495 [12.57] | .675 [17.14] | 1.35 [34.3] | .77 [19.6] | .93 [23.6] | 1.19 [30.2] | 1.16 [29.5] | .80 [20.3] |
| 07 | .437 [11.09] | .563 [14.31] .556 [14.12] | .737 [18.71] | 1.42 [36.1] | .80 [20.3] | .95 [24.1] | 1.38 [35.1] | 1.22 [31.0] | .92 [23.4] |
| 08 | .500 [12.70] | .626 [15.91] .619 [15.72] | .800 [20.32] | 1.48 [37.6] | .80 [20.3] | .95 [24.1] | 1.38 [35.1] | 1.22 [31.0] | .92 [23.4] |
| 10 | .625 [15.87] | .752 [19.11] .742 [18.84] | .925 [23.49] | 1.60 [40.6] | .84 [21.3] | 1.00 [25.4] | 1.51 [38.4] | 1.35 [34.3] | 1.18 [30.0] |
| 12 | .750 [19.05] | .877 [22.28] .867 [22.02] | 1.050 [26.67] | 1.73 [43.9] | .86 [21.8] | 1.01 [25.7] | 1.63 [41.4] | 1.40 [35.6] | 1.35 [34.3] |
| 14 | .875 [22.23] | 1.002 [25.46] .991 [25.17] | 1.175 [29.84] | 1.85 [47.0] | .88 [22.4] | 1.04 [26.4] | 1.78 [45.2] | 1.46 [37.1] | 1.41 [35.8] |
| 16 | 1.000 [25.40] | 1.127 [28.63] 1.116 [28.34] | 1.300 [33.02] | 2.00 [50.8] | .91 [23.1] | 1.06 [26.9] | 1.88 [47.8] | 1.53 [38.9] | 1.60 [40.6] |
| 18 | 1.125 [28.57] | 1.252 [31.81] 1.241 [31.52] | 1.425 [36.19] | 2.13 [54.1] | .93 [23.6] | 1.09 [27.7] | 2.01 [51.1] | 1.59 [40.4] | 1.66 [42.2] |
| 20 | 1.250 [31.75] | 1.377 [34.98] 1.366 [34.69] | 1.550 [39.37] | 2.25 [57.2] | .98 [24.9] | 1.13 [28.7] | 2.13 [54.1] | 1.78 [45.2] | 2.04 [51.8] |
| 22 | 1.375 [34.93] | 1.502 [38.15] 1.488 [37.79] | 1.675 [42.55] | N/A | 1.03 [26.2] | 1.38 [35.1] | 2.29 [58.2] | 1.85 [47.0] | 2.23 [56.6] |
| 24 | 1.500 [38.10] | 1.627 [41.33] 1.613 [40.97] | 1.800 [45.72] | N/A | 1.08 [27.4] | 1.44 [36.6] | 2.42 [61.5] | 1.92 [48.8] | 2.23 [56.6] |

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