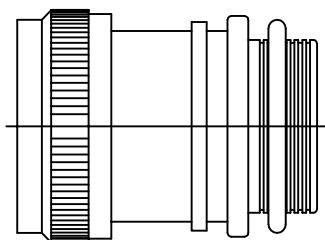


TE CONNECTIVITY RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

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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Raychem Adapters
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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

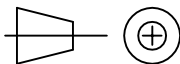
CHECKED --- ---

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

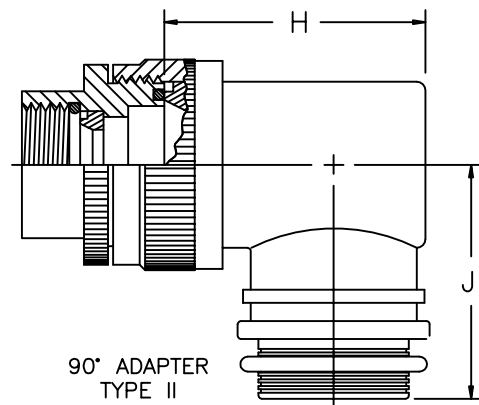
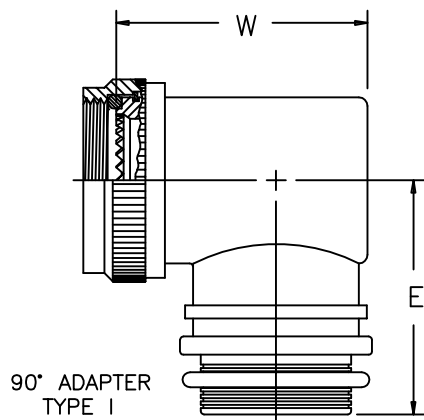
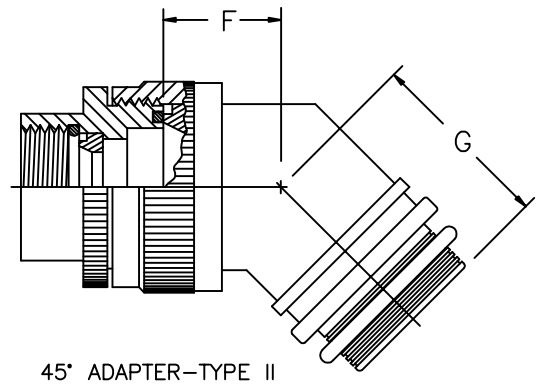
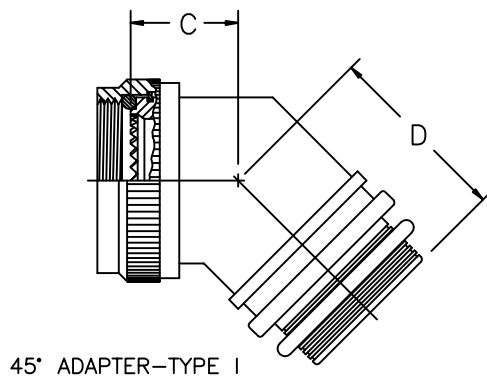
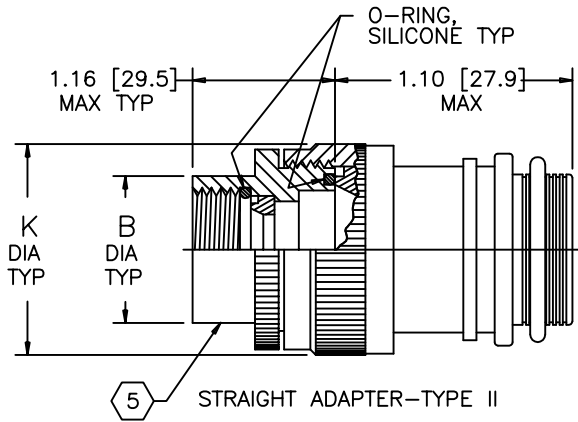
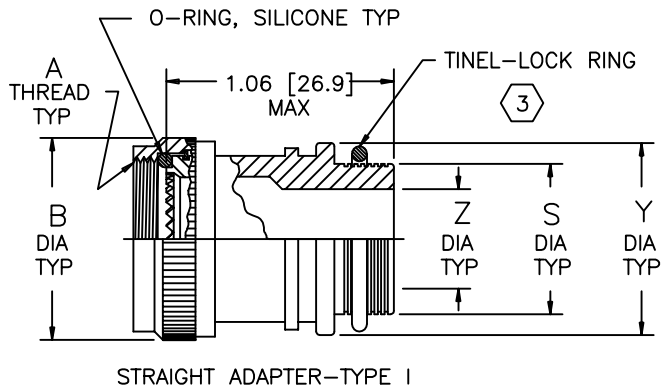
SIZE CODE IDENT. NO. DWG. NO.

A 06090

TXR41

DO NOT SCALE THIS DRAWING

SHEET 1 OF 3



Raychem Adapters
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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 [19.1]	.969 [24.6]	.69 [17.5]	.91 [23.1]	1.15 [29.2]	.85 [21.6]
10	11	10	06	.562-24 UNEF	.850 [21.6]	1.063 [27.0]	.72 [18.3]	.93 [23.6]	1.21 [30.7]	.97 [24.6]
12	13	12	08	.688-24 UNEF	1.000 [24.4]	1.219 [31.0]	.74 [18.8]	.96 [24.4]	1.28 [32.5]	1.10 [27.9]
14	15	14	10	.812-20 UNEF	1.142 [29.00]	1.406 [35.7]	.76 [19.3]	.98 [24.9]	1.34 [34.0]	1.22 [31.0]
16	17	16	12	.938-20 UNEF	1.250 [31.8]	1.469 [37.3]	.79 [20.1]	1.00 [25.4]	1.40 [35.6]	1.35 [34.3]
18	19	18	12	1.062-18 UNEF	1.400 [35.6]	1.594 [40.5]	.81 [20.6]	1.03 [26.2]	1.46 [37.1]	1.41 [35.8]
20	21	20	14	1.188-18 UNEF	1.500 [38.1]	1.750 [44.5]	.84 [21.3]	1.06 [26.9]	1.53 [38.9]	1.53 [38.9]
22	23	22	16	1.312-18 UNEF	1.650 [41.9]	1.844 [46.8]	.87 [22.1]	1.08 [27.4]	1.59 [40.4]	1.66 [42.2]
24	25	24	18	1.438-18 UNEF	1.750 [44.45]	2.031 [51.6]	.89 [22.6]	1.11 [28.2]	1.65 [41.9]	1.78 [45.2]

TABLE II

ENTRY SIZE	Z +.010 -.020	S DIA		Y ±.015 [±0.38]	F MAX	G MAX	H MAX	J MAX	K MAX
04	.250 [6.35]	.376 [9.56]	.370 [9.39]	.550 [13.97]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13]	.432 [10.97]	.612 [15.54]	.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]	.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]	.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]	.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]	.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]	.88 [22.4]	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]	.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]	.93 [23.6]	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]	.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]	.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]	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]	1.08 [27.4]	1.44 [36.6]	2.42 [61.5]	1.92 [48.8]	2.23 [56.6]

Raychem Adapters
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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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