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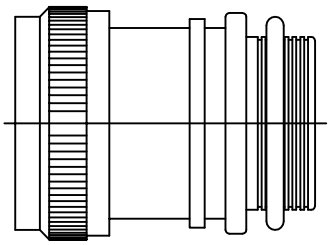
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
G1	REVISED PER ECO-11-005139	29MAR11	HMR
H	REVISED PER ECO-12-021161	04DEC12	G.WELLS



CODE 41 TINEL-LOCK ADAPTER

NOTES:

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-TXR41AB00-1206). 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 I & II, CLASS E AND T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656 CONNECTORS.
7. 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

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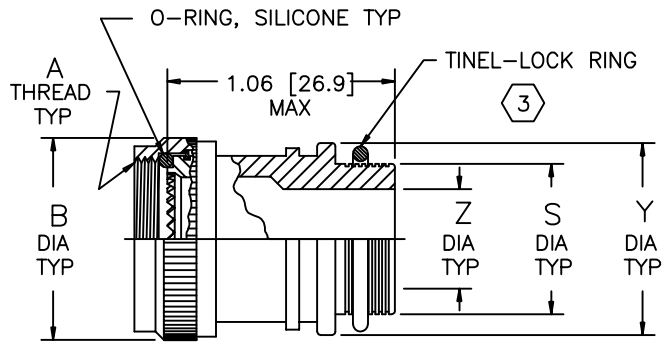

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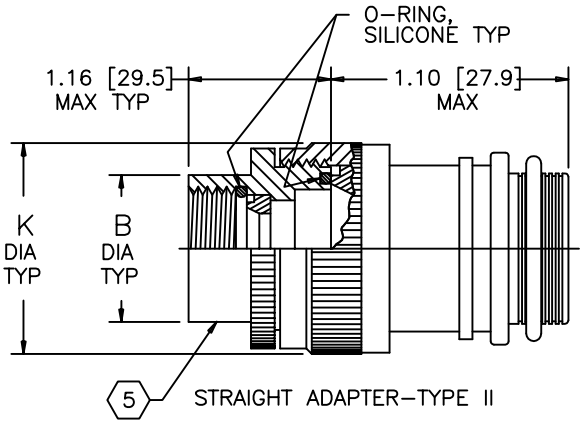

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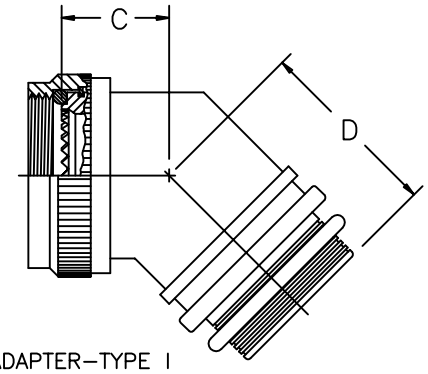

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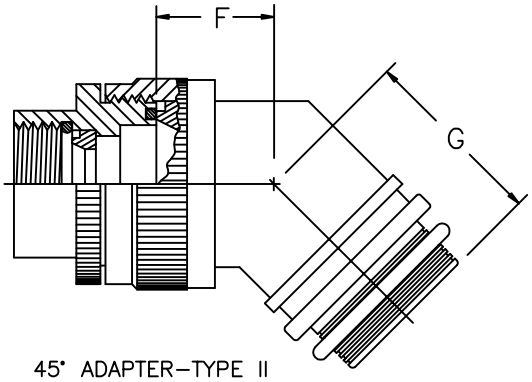

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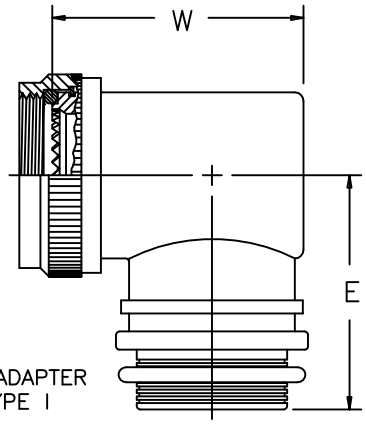
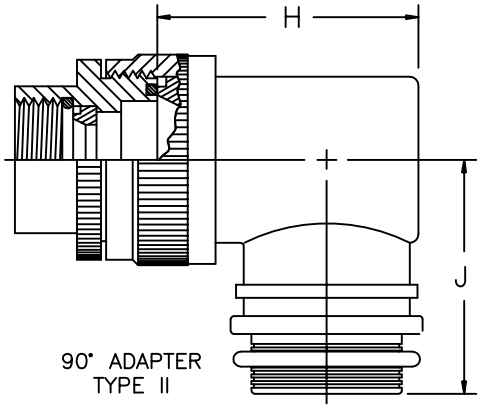


90° ADAPTER
TYPE I



90° ADAPTER
TYPE II

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SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR41	H
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TABLE I

ORDER NO.	SHELL SIZE (6) SER 1	SHELL SIZE (6) SER 2	MAX ENTRY SIZE TYPE I (5)	A UNIFIED THD CLASS 2B	B DIA MAX	B DIA MAX (7)	C MAX	D MAX	E MAX	W MAX
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

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