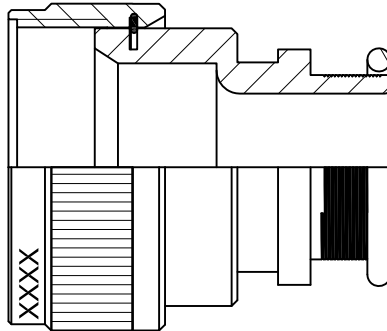


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECD-12-021161	04DEC12	G.WELLS
K	REVISED PER ECD-14-002312	13FEB15	H.SMITH



CODE 54
STRAIGHT 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 DETAIL 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-TXR54AB00-1206). RINGS SHALL BEAR NO MARKING.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L.
- ADAPTER MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W: MS3400, MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, SERIES I & III, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /39, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98, (MS3155 CONTROLLED INTERFACE).
- THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S")
- THESE DIMENSIONS APPLY IF AN ADAPTER MATERIAL IS STAINLESS STEEL.

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Raychem Adapters
CUSTOMER DRAWING

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

DECIMALS

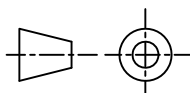
.XXX ± 0.005 [0.13 mm]
.XX ± 0.01 [0.25 mm]
.X ± 0.1 [0.50 mm]

ANGLES

.X ± 1 DEG.

DRAWN R. RAMIREZ	DATE 03-18-93
CHECKED	DATE
APPROVED	DATE
REVISED N. NAGAR	DATE 13-02-15
CAD NAME txr54_1_k_cd	

THIRD ANGLE
PROJECTION



TE Connectivity

TITLE

TINEL-LOCK™ ADAPTER

SIZE CODE IDENT. NO. DWG. NO.

A

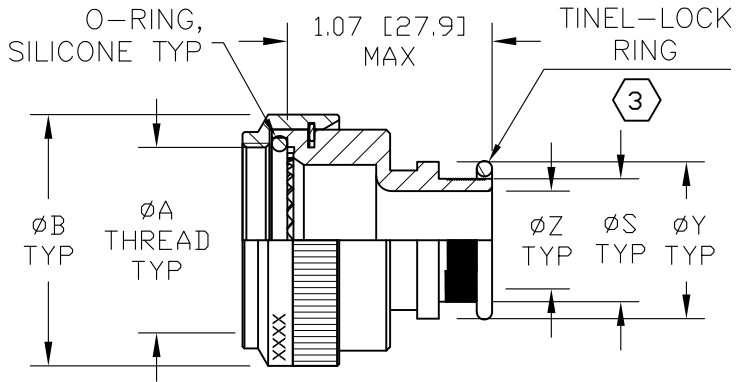
06090

TXR54

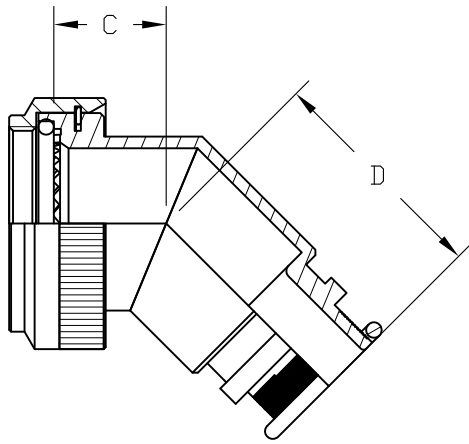
DO NOT SCALE THIS DWG

SHEET 1 OF 3

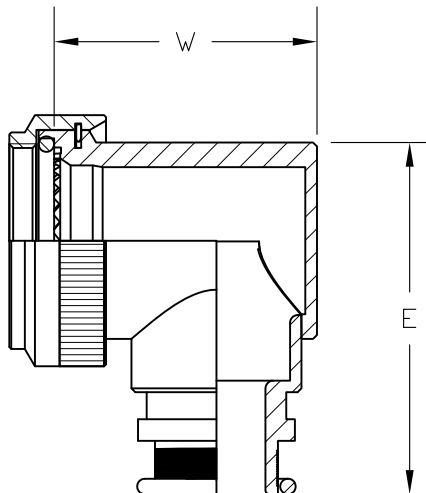
SEE SHEET 1 FOR REVISION



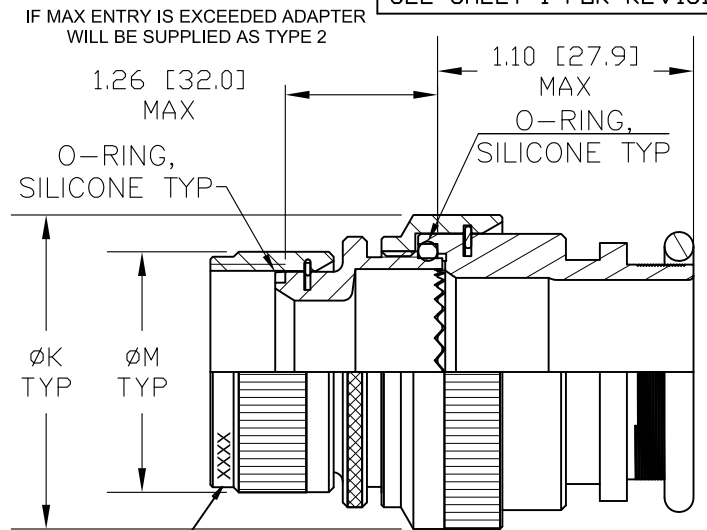
STRAIGHT ADAPTER-TYPE I



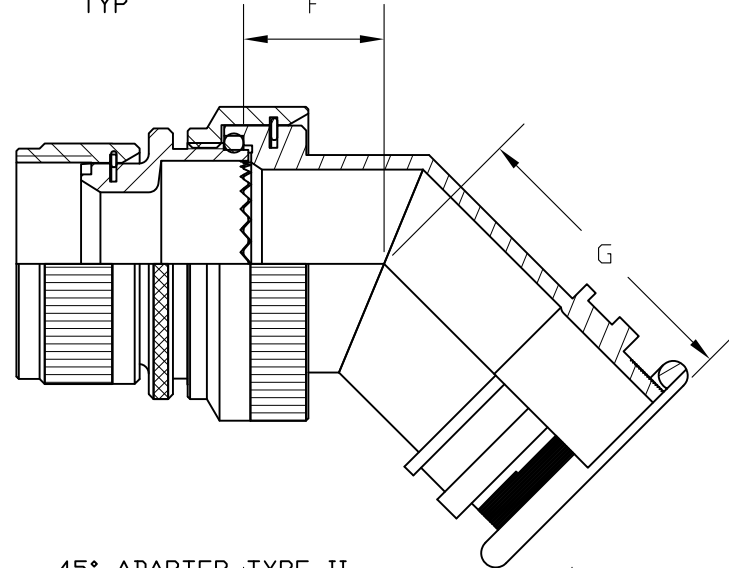
45° ADAPTER-TYPE I



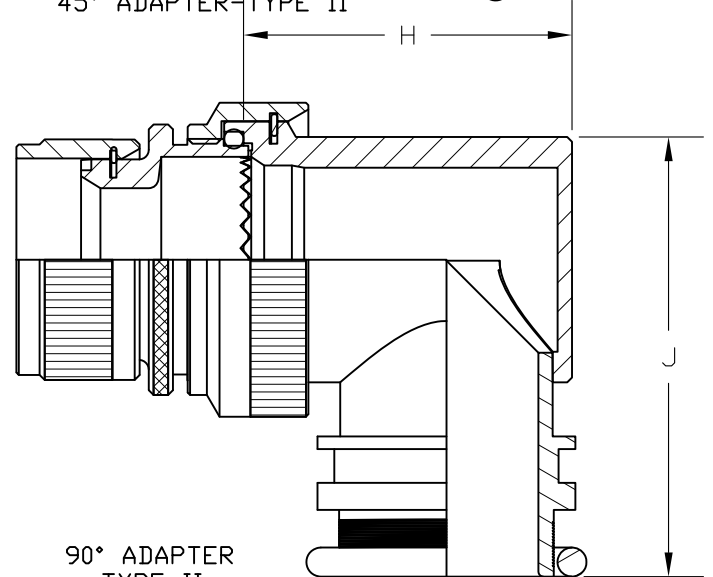
90° ADAPTER
TYPE I



STRAIGHT ADAPTER-TYPE II



45° ADAPTER-TYPE II



90° ADAPTER
TYPE II

Raychem Adapters
CUSTOMER DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR54	K
DO NOT SCALE THIS DWG		CAD NAME	txr54_2_k_cd
		SHEET 2 OF 3	

TABLE I

ORDER NO.	SHELL SIZE		MAX ENTRY SIZE TYPE I	A THREAD CLASS 2B	B DIA MAX	B DIA MAX	C MAX	D MAX	E MAX	M DIA MAX	W MAX	W MAX
	6	7										
03	3		04	.562-24 UNEF	.669 [17.00]	.940 [23.88]	.75 [19.1]	1.083 [27.5]	1.13 [28.7]	.695 [17.65]	1.06 [26.9]	1.05 [26.8]
08		8 & 8S	04	.500-20 UNF	.617 [15.67]	.890 [22.61]	.75 [19.1]	1.075 [27.3]	1.10 [27.9]	.630 [16.00]	.98 [25.0]	.90 [22.9]
10		10, 10S & 10SL	06	.625-24 UNEF	.734 [18.64]	1.010 [25.65]	.77 [19.6]	1.102 [28.0]	1.16 [29.5]	.757 [19.23]	1.06 [27.0]	1.00 [25.5]
12	7	12 & 12S	08	.750-20 UNEF	.858 [21.79]	1.140 [28.96]	.80 [20.3]	1.122 [28.5]	1.22 [31.0]	.882 [22.40]	1.16 [29.5]	1.13 [28.8]
14	12	14 & 14S	08	.875-20 UNEF	.984 [24.99]	1.260 [32.00]	.82 [20.8]	1.161 [29.5]	1.28 [32.5]	1.007 [25.58]	1.22 [31.0]	1.21 [30.9]
16	19	16 & 16S	10	1.000-20 UNEF	1.112 [28.24]	1.390 [35.31]	.84 [21.3]	1.190 [30.2]	1.35 [34.3]	1.132 [28.75]	1.36 [34.5]	1.34 [34.0]
18	27	18	12	1.062-18 UNEF	1.218 [30.94]	1.510 [38.35]	.86 [21.8]	1.220 [31.0]	1.40 [35.6]	1.218 [30.94]	1.48 [37.5]	1.41 [36.0]
20	37	20	14	1.188-18 UNEF	1.345 [34.16]	1.640 [41.66]	.88 [22.4]	1.236 [31.4]	1.46 [37.1]	1.345 [34.16]	1.67 [42.5]	1.54 [39.3]
22		22	16	1.312-18 UNEF	1.468 [37.30]	1.760 [44.70]	.91 [23.1]	1.244 [31.6]	1.53 [38.9]	1.468 [37.30]	1.75 [44.5]	1.67 [42.4]
24		24	18	1.438-18 UNEF	1.593 [40.46]	1.890 [48.00]	.93 [23.6]	1.283 [32.6]	1.59 [40.4]	1.593 [40.46]	1.80 [45.5]	1.78 [45.3]
28		28	22	1.750-18 UNS	1.969 [50.01]	2.140 [54.36]	.98 [24.9]	1.300 [33.0]	1.78 [45.2]	1.969 [50.01]	2.15 [54.7]	2.01 [51.2]
32		32	24	2.000-18 UNS	2.219 [56.36]	2.400 [60.96]	1.03 [26.2]	1.19 [30.2]	1.90 [48.3]	2.219 [56.36]	2.41 [61.4]	2.38 [60.5]
36		36	24	2.250-16 UN	2.469 [62.71]	2.640 [67.06]	1.08 [27.4]	1.23 [31.2]	2.03 [51.6]	2.469 [62.71]	2.67 [67.7]	2.60 [66.0]
40		40	24	2.500-16 UN	2.719 [69.06]	2.890 [73.41]	1.15 [29.1]	1.28 [32.5]	2.15 [54.6]	-- [--]	2.90 [73.7]	2.85 [72.5]
44		44	24	2.750-16 UN	2.969 [75.41]	3.140 [79.76]	1.20 [30.6]	1.355 [34.2]	2.28 [57.9]	-- [--]	3.15 [80.0]	2.99 [76.0]
48		48	24	3.000-16 UN	3.219 [81.76]	3.390 [86.11]	1.25 [31.8]	1.394 [35.4]	2.40 [61.0]	-- [--]	3.40 [86.3]	3.16 [80.3]
61	61		18	1.500-18 UNEF	1.653 [42.00]	1.880 [47.75]	.94 [23.9]	1.09 [27.7]	1.62 [41.1]	1.653 [42.00]	1.90 [48.3]	1.92 [48.8]

TABLE II

ENTRY SIZE	Z +.010 -.020	S DIA	Y ±.015 [±0.38]	F MAX	G MAX	H MAX	H MAX 8	J MAX	K MAX	K MAX 8
04	.250 [6.35]	.376 [9.56] .370 [9.39]	.550 [13.97]	N/A	N/A	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]	1.10 [28.0]	1.19 [30.2]	1.19 [30.2]	1.16 [29.5]	.83 [21.0]	.97 [24.6]
06	.375 [9.53]	.501 [12.73] .495 [12.57]	.675 [17.14]	.77 [19.6]	1.10 [28.0]	1.19 [30.2]	1.19 [30.2]	1.16 [29.5]	.83 [21.0]	.97 [24.6]
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	.80 [20.3]	1.10 [28.0]	1.38 [35.1]	1.38 [35.1]	1.22 [31.0]	.92 [23.4]	.97 [24.6]
08	.500 [12.70]	.626 [15.91] .619 [15.72]	.800 [20.32]	.80 [20.3]	1.12 [28.5]	1.38 [35.1]	1.38 [35.1]	1.22 [31.0]	.96 [24.5]	1.11 [28.3]
10	.625 [15.87]	.752 [19.11] .742 [18.84]	.925 [23.49]	.84 [21.3]	1.16 [29.5]	1.51 [38.4]	1.51 [38.4]	1.35 [34.3]	1.18 [30.0]	1.28 [32.4]
12	.750 [19.05]	.877 [22.28] .867 [22.02]	1.050 [26.67]	.88 [22.4]	1.19 [30.2]	1.63 [41.4]	1.63 [41.4]	1.40 [35.6]	1.35 [34.3]	1.40 [35.6]
14	.875 [22.23]	1.002 [25.46] .991 [25.17]	1.175 [29.84]	.88 [22.4]	1.22 [31.0]	1.78 [45.2]	1.78 [45.2]	1.46 [37.1]	1.41 [35.8]	1.51 [38.5]
16	1.000 [25.40]	1.127 [28.63] 1.116 [28.34]	1.300 [33.02]	.93 [23.6]	1.24 [31.4]	1.88 [47.8]	1.88 [47.8]	1.53 [38.9]	1.60 [40.6]	1.64 [41.7]
18	1.125 [28.57]	1.252 [31.81] 1.241 [31.52]	1.425 [36.19]	.93 [23.6]	1.25 [31.6]	2.01 [51.1]	2.01 [51.1]	1.59 [40.4]	1.66 [42.2]	1.73 [43.9]
20	1.250 [31.75]	1.377 [34.98] 1.366 [34.69]	1.550 [39.37]	.98 [24.9]	1.28 [32.6]	2.13 [54.1]	2.13 [54.1]	1.78 [45.2]	2.04 [51.8]	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]	1.41 [35.8]	2.29 [58.2]	2.29 [58.2]	1.85 [47.0]	2.23 [56.6]	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]	1.52 [38.6]	2.42 [61.5]	2.42 [61.5]	1.92 [48.8]	2.23 [56.6]	2.23 [56.6]
28	1.750 [44.45]	1.873 [47.58] 1.867 [47.42]	2.050 [52.00]	1.08 [27.4]	1.76 [44.9]	2.60 [66.0]	2.60 [66.0]	2.03 [51.6]	2.30 [58.5]	2.40 [61.0]

Raychem Adapters
CUSTOMER DRAWING

SIZE A	CODE IDENT. NO. 06090	DWG. NO. TXR54	REV K
DO NOT SCALE THIS DWG		CAD NAME txr54_3_k_cd	SHEET 3 OF 3