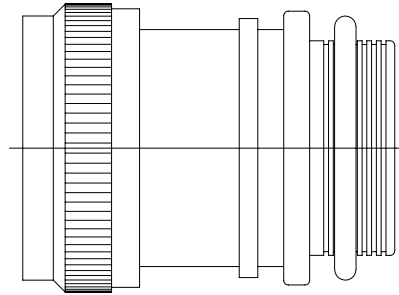


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECN NO. R020313	4/18/02	GMR



CODE 54
STRAIGHT ADAPTER

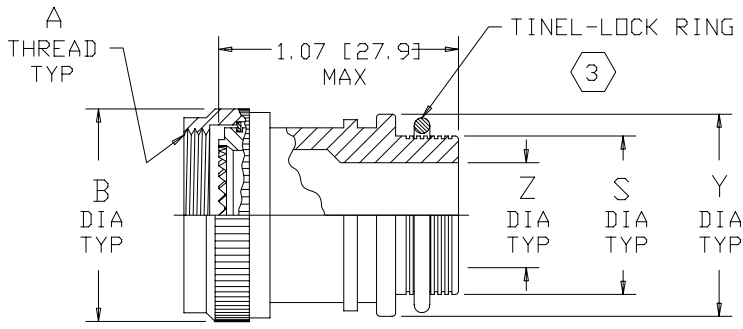
NOTES:

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 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.
4. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-TXR54B00-1206). RINGS SHALL BEAR NO MARKING.
5. FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
6. ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L.
7. 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).
8. THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S")

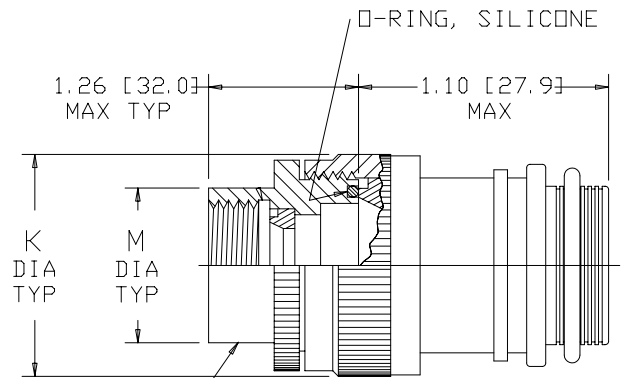
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SPECIFICATION CONTROL DRAWING

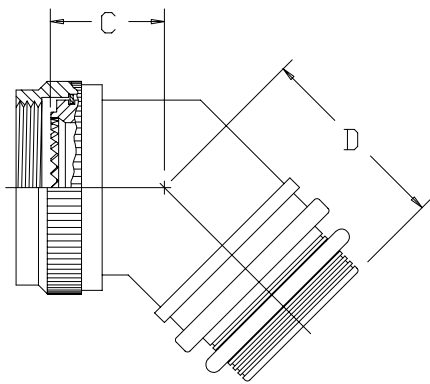
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± — [mm] .XX ± — [mm] .X ± — [mm] ANGLES .X ± —	DRAWN R. RAMIREZ	DATE 03-18-93		Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA. 94025 U.S.A.		
	CHECKED	DATE				
	APPROVED	DATE	TITLE			
	APPROVED	DATE	TINEL-LOCK™ ADAPTER			
	CAD NAME TXR54		SIZE A	CODE IDENT. NO. 06090	DWG. NO. TXR54	
	THIRD ANGLE PROJECTION 	DO NOT SCALE THIS DWG		SHEET 1 OF 3		



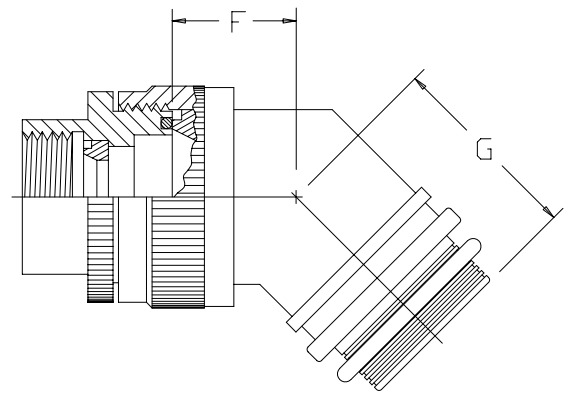
STRAIGHT ADAPTER-TYPE I



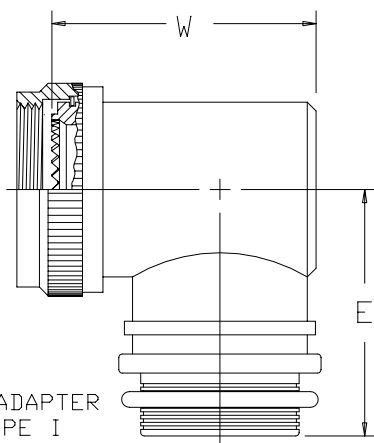
STRAIGHT ADAPTER-TYPE II



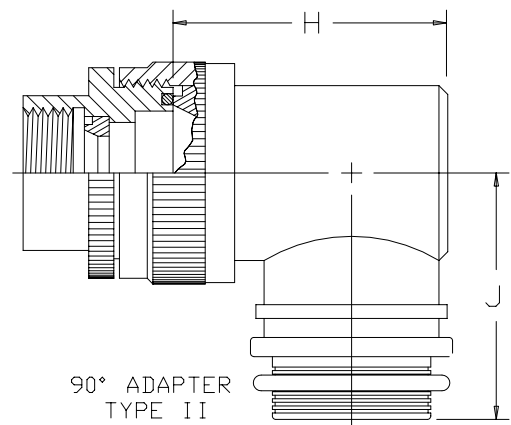
45° ADAPTER-TYPE I



45° ADAPTER-TYPE II



90° ADAPTER
TYPE I



90° ADAPTER
TYPE II

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SIZE A	CODE IDENT. NO. 06090	DWG. NO. TXR54	REV H
DO NOT SCALE THIS DWG		CAD NAME TXR54-2	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
										
03	3		04	.562-24 UNEF	.669 [16.99]	.940 [23.88]	.75 [19.1]	.91 [23.1]	1.13 [28.7]	.695 [17.65]
08		8 & 8S	04	.500-20 UNF	.617 [15.67]	.890 [22.61]	.75 [19.1]	.91 [23.1]	1.10 [27.9]	.630 [16.00]
10		10, 10S & 10SL	06	.625-24 UNEF	.734 [18.64]	1.010 [25.65]	.77 [19.6]	.93 [23.6]	1.16 [29.5]	.757 [19.23]
12	7	12 & 12S	08	.750-20 UNEF	.858 [21.79]	1.140 [28.96]	.80 [20.3]	.95 [24.1]	1.22 [31.0]	.882 [22.40]
14	12	14 & 14S	08	.875-20 UNEF	.984 [24.99]	1.260 [32.00]	.82 [20.8]	.97 [24.6]	1.28 [32.5]	1.007 [25.58]
16	19	16 & 16S	10	1.000-20 UNEF	1.112 [28.24]	1.390 [35.31]	.84 [21.3]	1.00 [25.4]	1.35 [34.3]	1.132 [28.75]
18	27	18	12	1.062-18 UNEF	1.218 [30.94]	1.510 [38.35]	.86 [21.8]	1.01 [25.7]	1.40 [35.6]	1.218 [30.94]
20	37	20	14	1.188-18 UNEF	1.345 [34.16]	1.640 [41.66]	.88 [22.4]	1.04 [26.4]	1.46 [37.1]	1.345 [34.16]
22		22	16	1.312-18 UNEF	1.468 [37.29]	1.760 [44.70]	.91 [23.1]	1.06 [26.9]	1.53 [38.9]	1.468 [37.29]
24		24	18	1.438-18 UNEF	1.593 [40.46]	1.890 [48.00]	.93 [23.6]	1.09 [27.7]	1.59 [40.4]	1.593 [40.46]
28		28	22	1.750-18 UNS	1.969 [50.01]	2.140 [54.36]	.98 [24.9]	1.13 [28.7]	1.78 [45.2]	1.969 [50.01]
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]
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]
40		40	24	2.500-16 UN	2.719 [69.06]	2.890 [73.41]	1.12 [28.4]	1.28 [32.5]	2.15 [54.6]	2.719 [69.06]
44		44	24	2.750-16 UN	2.969 [75.41]	3.140 [79.76]	1.17 [29.7]	1.33 [33.8]	2.28 [57.9]	2.969 [75.41]
48		48	24	3.000-16 UN	3.219 [81.76]	3.390 [86.11]	1.22 [31.0]	1.38 [35.1]	2.40 [61.0]	3.219 [81.76]
61	61		18	1.500-18 UNEF	1.653 [41.99]	1.880 [47.75]	.94 [23.9]	1.09 [27.7]	1.62 [41.1]	1.653 [41.99]

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]	1.12 [28.4]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.19 [30.2]	.77 [19.6]	.93 [23.6]	1.19 [30.2]	1.16 [29.5]	.80 [20.3]
06	.375 [9.53]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.25 [31.8]	.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]	1.31 [33.3]	.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]	1.38 [35.1]	.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]	1.50 [38.1]	.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]	1.62 [41.1]	.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]	1.75 [44.5]	.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]	1.88 [47.8]	.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]	2.00 [50.8]	.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]	2.12 [53.8]	.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]	2.25 [57.2]	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]	2.38 [60.5]	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	CODE	IDENT. NO.	DWG. NO.	REV
A		06090	TXR54	H
DO NOT SCALE THIS DWG		CAD NAME	TXR54-3	SHEET 3 OF 3