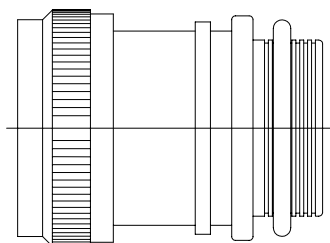


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
D	REVISED PER ECN AD93073		



CODE 61 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-TXR61AB00-1206). RINGS SHALL BEAR NO MARKING.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ADAPTER MATES TO MIL-C-81511, SERIES 1, 2, 3 AND 4, CLASS A, C, E, F, P AND T. M81511/1, /5, /6, /21, /23, /25, /26, /31, /32, /33, /34, /35, /36, /37, /38, /44, /45, /46, /49, /51, /53, /55 AND /56 CONNECTORS.
- THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED. (MOD. CODE "S").

If this document is printed it becomes uncontrolled.
Check for the latest revision.

SPECIFICATION CONTROL DRAWING

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

DECIMALS

.XXX ± — [mm]

.XX ± — [mm]

.X ± — [mm]

ANGLES

.X ± —

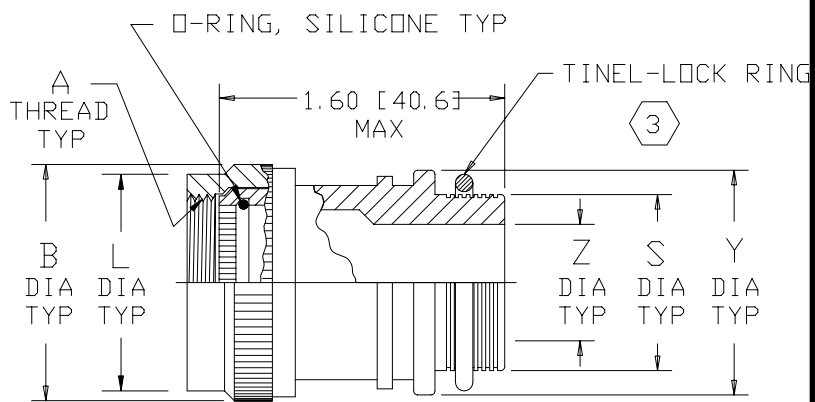
DRAWN E. GOLDY	DATE 07-23-93
CHECKED	DATE
APPROVED	DATE
APPROVED	DATE
CAD NAME \ACAD12\TXR61	
THIRD ANGLE PROJECTION	

tyco
Electronics

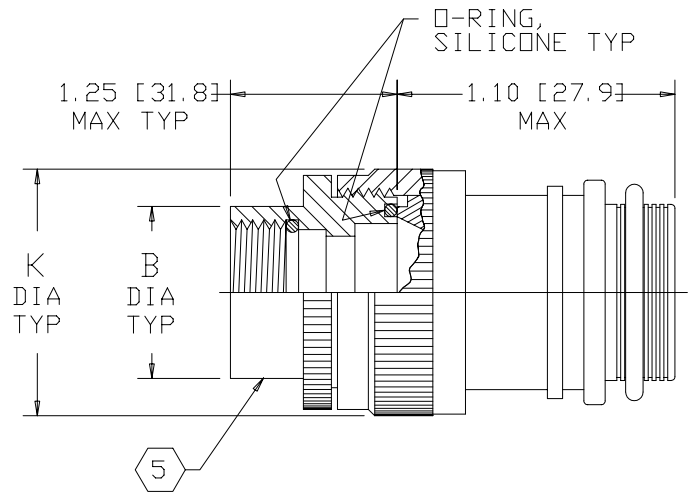
Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA. 94025 U.S.A.

Raychem

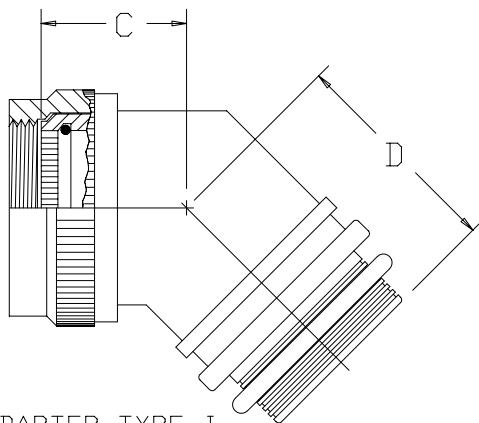
TITLE TINEL-LOCK™ ADAPTER			
SIZE A	CODE IDENT. NO. 06090	DWG. NO. TXR61	REV D
DO NOT SCALE THIS DWG		SHEET 1 OF 3	



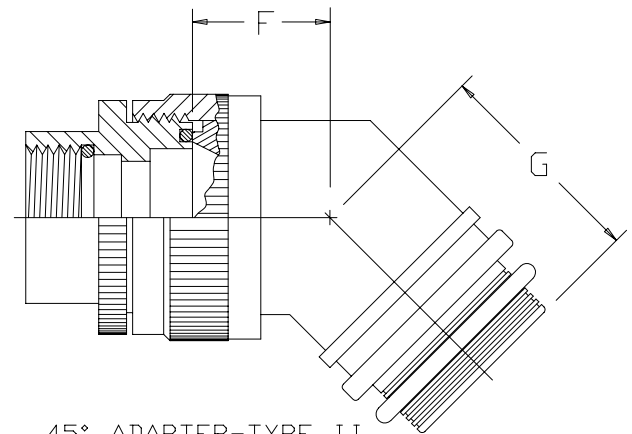
STRAIGHT ADAPTER-TYPE I



STRAIGHT ADAPTER-TYPE II



45° ADAPTER-TYPE I



45° ADAPTER-TYPE II

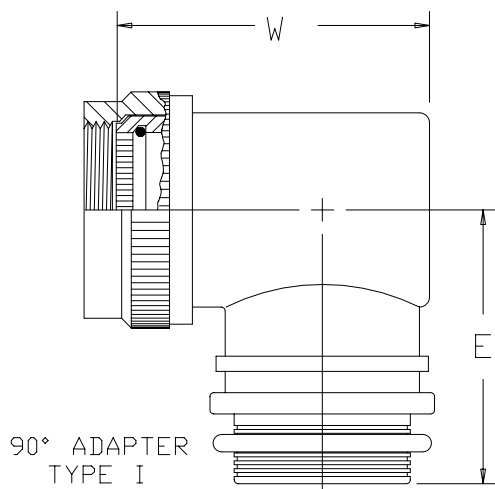
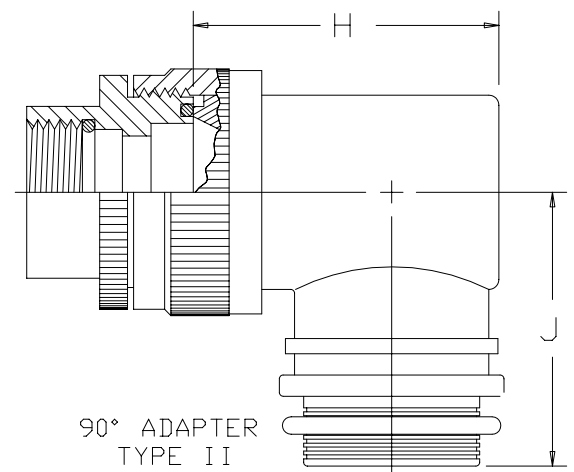
90° ADAPTER
TYPE I90° ADAPTER
TYPE II

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	L MAX
	COML	MIL								
08	8	A	06	.500-28 UNEF	.86 [21.8]	1.05 [26.7]	1.10 [27.9]	.93 [23.6]	1.18 [30.0]	.57 [14.5]
10	10	B	08	.625-28 UN	.98 [24.9]	1.17 [29.7]	1.12 [28.4]	.96 [24.4]	1.25 [31.8]	.70 [17.8]
14	14	D	12	.875-28 UN	1.23 [31.2]	1.42 [36.1]	1.18 [30.0]	1.00 [25.4]	1.37 [34.8]	.95 [24.1]
16	16	E	14	1.000-28 UN	1.36 [34.5]	1.55 [39.4]	1.20 [30.5]	1.02 [25.9]	1.44 [36.6]	1.07 [27.2]
18	18	F	16	1.125-28 UN	1.48 [37.6]	1.67 [42.4]	1.23 [31.2]	1.05 [26.7]	1.50 [38.1]	1.20 [30.5]
20	20	G	18	1.250-28 UN	1.63 [41.4]	1.82 [46.2]	1.25 [31.8]	1.08 [27.4]	1.57 [39.9]	1.32 [33.5]
22	22	H	20	1.375-28 UN	1.73 [43.9]	1.92 [48.8]	1.28 [32.5]	1.10 [27.9]	1.62 [41.1]	1.45 [36.8]
24	24	J	22	1.500-28 UN	1.86 [47.2]	2.05 [52.0]	1.30 [33.0]	1.14 [29.0]	1.68 [42.7]	1.57 [39.9]

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]	1.39 [35.3]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.46 [37.1]	N/A	N/A	N/A	N/A	N/A
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.52 [38.6]	N/A	N/A	N/A	N/A	N/A
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	1.58 [40.1]	.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]	1.64 [41.7]	.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]	1.77 [45.0]	.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]	1.89 [48.0]	.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]	2.02 [51.3]	.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]	2.14 [54.4]	.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]	2.27 [57.7]	.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]	2.39 [60.7]	.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]	2.62 [66.5]	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]