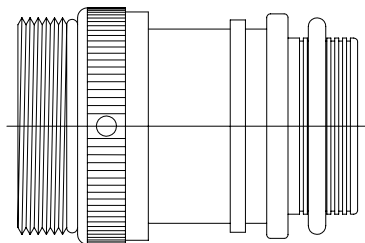


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
E	REVISED PER ECN AD93091		



CODE 71 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-TXR71AB00-1206). RINGS SHALL BEAR NO MARKING.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ADAPTER MATES TO MIL-C-81703, SERIES 1 AND 2, CLASS E, P AND J, MS3130, 32, 34, 37, 38, 39, 40, 44, 47 AND MS3148, DEUTSCH DA, DD, DS, MDR AND MDS CONNECTORS.
- ANTI-ROTATIONAL SET SCREW, THREE THREADED HOLES $120^\circ \pm 5^\circ$ APART, SINGLE MATING SET SCREW SUPPLIED; AN565DC4H2, NOT REQUIRED FOR TYPE II ADAPTERS.

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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
07-19-93

CHECKED

DATE

APPROVED

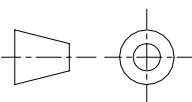
DATE

APPROVED

DATE

CAD NAME \ACAD12\TXR71

THIRD ANGLE
PROJECTION



tyco
Electronics

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

Raychem

TITLE

TINEL-LOCKTM ADAPTER

SIZE

CODE IDENT. NO.

DWG. NO.

A

06090

TXR71

REV

E

DO NOT SCALE THIS DWG

SHEET 1 OF 3

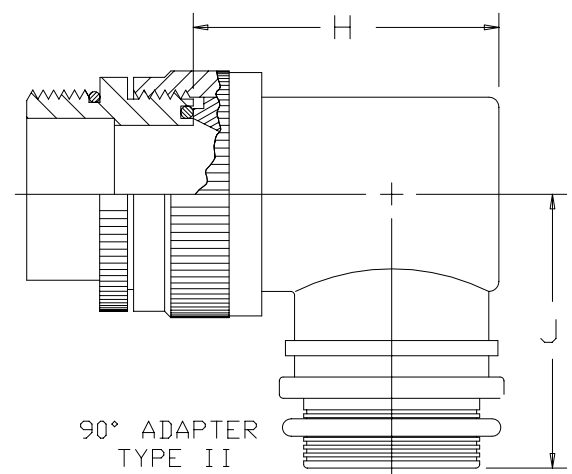
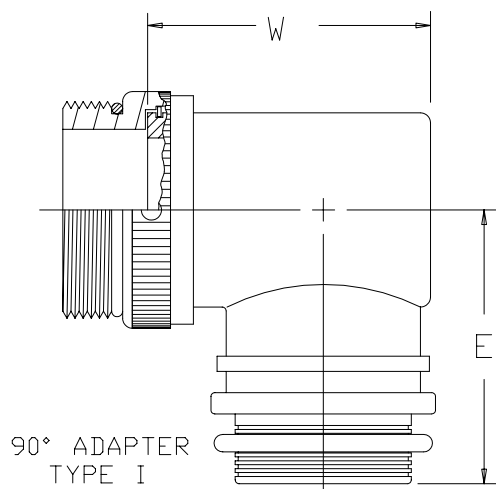
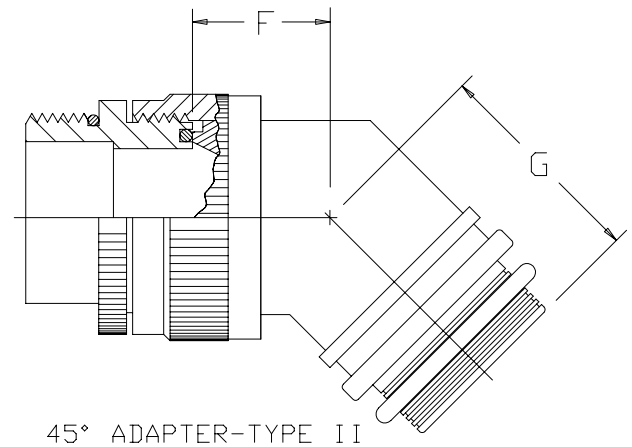
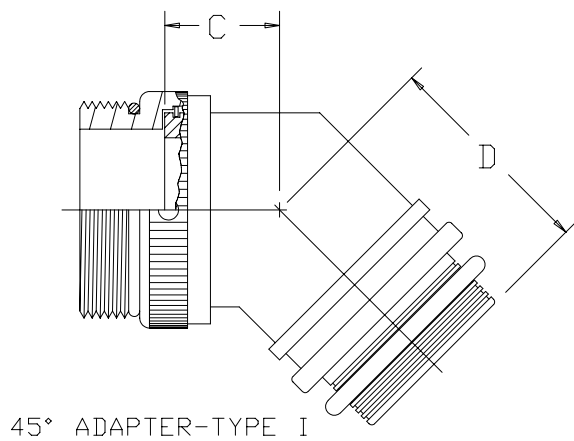
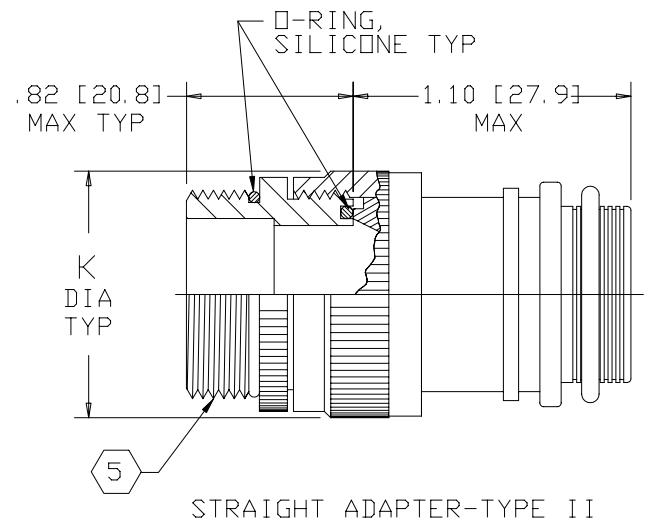
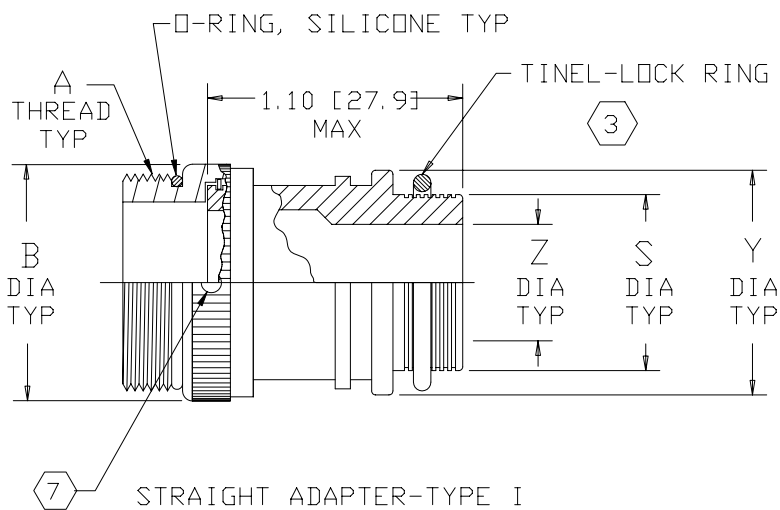


TABLE I							
ORDER NO.	SHELL SIZE 6	MAX ENTRY SIZE TYPE I 5	A UNIFIED THD CLASS 2A	B DIA MAX	C MAX	D MAX	E MAX
03	3 & 10	07	.500-28 UNEF	.90 [22.9]	.71 [18.0]	.96 [24.4]	1.23 [31.2]
07	7	08	.625-24 UNEF	1.06 [26.9]	.73 [18.5]	.98 [24.9]	1.29 [32.8]
08	8	04	.375-32 UNEF	.78 [19.8]	.66 [16.8]	.91 [23.1]	1.17 [29.7]
12	12 & 14	12	.750-20 UNEF	1.18 [30.0]	.76 [19.3]	1.01 [25.7]	1.37 [34.8]
19	16 & 19	12	.875-20 UNEF	1.31 [33.3]	.78 [19.8]	1.03 [26.2]	1.45 [36.8]
27	18 & 27	14	1.000-20 UNEF	1.42 [36.1]	.80 [20.3]	1.05 [26.7]	1.50 [38.1]
37	37	16	1.188-18 UNEF	1.56 [39.6]	.83 [21.1]	1.08 [27.4]	1.54 [39.1]
61	61	20	1.500-18 UNEF	1.80 [45.7]	.89 [22.6]	1.14 [29.0]	1.67 [42.4]

TABLE II									
ENTRY SIZE	Z +.010 -.020 [+0.25] [-0.51]	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]	1.18 [30.0]	.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]	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]	1.37 [34.8]	.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]	1.87 [47.5]	.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]	N/A	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]