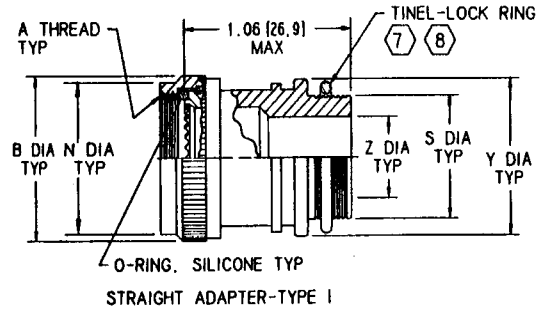
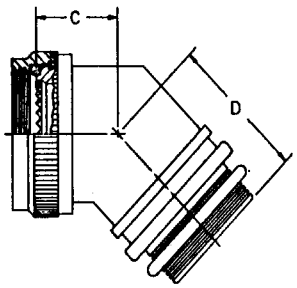
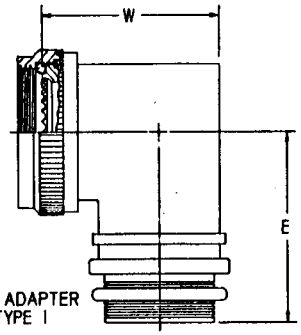
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
NONE	INITIAL RELEASE PER ECO AP-213	9/27/88	Q.Bui
A	REVISED PER ECO AP-230	12-15-88	K.B.



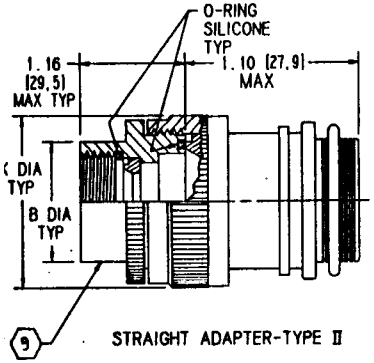
STRAIGHT ADAPTER-TYPE I



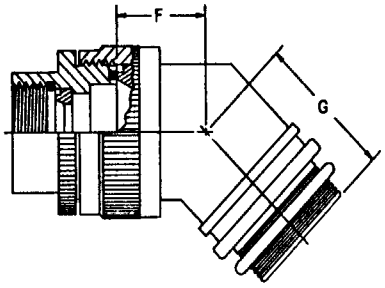
45° ADAPTER-TYPE I



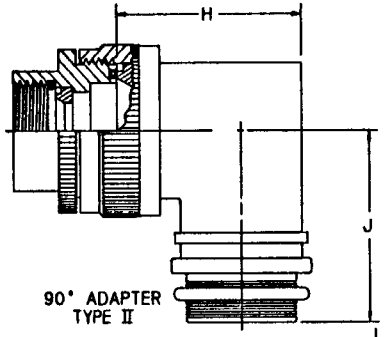
90° ADAPTER TYPE I



STRAIGHT ADAPTER-TYPE II



45° ADAPTER-TYPE II



90° ADAPTER TYPE II

NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. TEMPERATURE RANGE FOR ALUMINUM ALLOY: -65° C TO +150° C.
3. ADAPTER TO BE PERMANENTLY MARKED WITH ASSEMBLY (TXS) PN (LESS BRAID DESIGNATOR) AND CODE IDENT. NO. (EG: TXS07AB00-1208 06090). ALL MARKINGS SHALL BE PERFORMED IN ACCORDANCE WITH MIL-STD-130.
4. INTERNAL EDGES SHALL BE ROUNDED.
5. ADAPTER MATES TO: D38999/44 CONNECTOR. ADAPTER IS MOISTURE PROOF, NOT WATERTIGHT.
6. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
7. SEE DWG 925078 FOR DETAIL ON TINEL-LOCK RING. THE TINEL RING IS AVAILABLE IN TWO TYPES. RINGS DESIGNED TO BE HEATED ELECTRICALLY HAVE A DIELECTRIC LINING ON THE INSIDE DIAMETER. RINGS TO BE INSTALLED WITH A HOT AIR GUN HAVE NO LINING. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
8. RINGS SHALL BEAR NO MARKING.
9. FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.

ORDERING INFORMATION

TXS07 A B 00-12 08 A 1

- PRODUCT DESIGNATOR
- MATERIAL — ALUMINUM ALLOY PER QQ-A-225
- FINISH: (SEE S-CH00-0157-002)
- STRAIGHT ADAPTER (45=45°, 90=90°)
- ORDER NUMBER
- ENTRY SIZE
- BRAID (SEE MSG-101)
  - BRAID A: SINGLE LAYER 36 AWG
  - BRAID B: SINGLE LAYER 30 AWG OR DOUBLE LAYER 36 AWG
- RING WITH INSULATING LINING (OMIT IF NOT REQUIRED)

TABLE I

ORDER NO.	SHELL SIZE 5 COM' L	SHELL SIZE 5 MIL	MAX ENTRY SIZE TYPE I 9	A METRIC THD CLASS 6H	B DIA MAX	C MAX	D MAX	E MAX	N DIA MAX
10	11	B	06	M15 x 1.0	.91 [23.1]	.84 [21.3]	.92 [23.4]	1.20 [30.5]	.783 [19.89]
12	13	C	08	M18 x 1.0	1.04 [26.4]	.87 [22.1]	.95 [24.1]	1.26 [32.0]	.907 [23.04]
14	15	D	10	M22 x 1.0	1.16 [29.5]	.89 [22.6]	.95 [24.1]	1.34 [34.0]	1.025 [26.04]
16	17	E	12	M25 x 1.0	1.29 [32.8]	.92 [23.4]	.98 [24.9]	1.40 [35.6]	1.161 [29.49]
18	19	F	14	M28 x 1.0	1.41 [35.8]	.95 [24.1]	1.01 [25.7]	1.45 [36.8]	1.275 [32.39]
20	21	G	16	M31 x 1.0	1.54 [39.1]	.97 [24.6]	1.04 [26.4]	1.51 [38.4]	1.401 [35.59]
22	23	H	18	M34 x 1.0	1.66 [42.2]	1.00 [25.4]	1.07 [27.2]	1.57 [39.9]	1.525 [38.74]
24	25	J	20	M37 x 1.0	1.85 [47.0]	1.02 [25.9]	1.07 [27.2]	1.67 [42.4]	1.651 [41.94]

TABLE II

ENTRY SIZE	Z +.010 -.020	S DIA	Y ±.015 ±0.38	W MAX	F MAX	G MAX	J MAX	H MAX	K MAX
04	.250 [6.35]	.376 [9.56] .370 [9.39]	.550 [13.97]	1.23 [31.2]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.29 [32.8]	N/A	N/A	N/A	N/A	N/A
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.35 [34.3]	N/A	N/A	N/A	N/A	N/A
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	1.42 [36.1]	.80 [20.3]	.95 [24.1]	1.22 [31.0]	1.38 [35.1]	.92 [23.4]
08	.500 [12.70]	.626 [15.91] .619 [15.72]	.800 [20.32]	1.48 [37.6]	.80 [20.3]	.95 [24.1]	1.22 [31.0]	1.38 [35.1]	.92 [23.4]
10	.625 [15.87]	.752 [19.11] .742 [18.84]	.925 [23.49]	1.60 [40.6]	.84 [21.3]	1.00 [25.4]	1.35 [34.3]	1.51 [38.4]	1.18 [30.0]
12	.750 [19.05]	.877 [22.28] .867 [22.02]	1.050 [26.67]	1.73 [43.9]	.86 [21.8]	1.01 [25.7]	1.40 [35.6]	1.63 [41.4]	1.35 [34.3]
14	.875 [22.23]	1.002 [25.46] .991 [25.17]	1.175 [29.84]	1.85 [47.0]	.88 [22.4]	1.04 [26.4]	1.46 [37.1]	1.78 [45.2]	1.41 [35.8]
16	1.000 [25.40]	1.127 [28.63] 1.116 [28.34]	1.300 [33.02]	2.00 [50.8]	.91 [23.1]	1.06 [26.9]	1.53 [38.9]	1.88 [47.8]	1.60 [40.6]
18	1.125 [28.57]	1.252 [31.81] 1.241 [31.52]	1.425 36.19	2.13 [54.1]	.93 [23.6]	1.09 [27.7]	1.59 [40.4]	2.01 [51.1]	1.66 [42.2]
20	1.250 [31.75]	1.377 [34.98] 1.366 [34.69]	1.550 [39.37]	2.25 [57.2]	.98 [24.9]	1.13 [28.7]	1.78 [45.2]	2.13 [54.1]	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]	1.85 [47.0]	2.29 [58.2]	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]	1.92 [48.8]	2.42 [61.5]	2.23 [56.6]

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SPECIFICATION CONTROL DRAWING

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APPROVED	N.DYDO	9-26-88
APPROVED		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: .XX= ± .XX= ± ANGLES: 15'

Raychem

RAYCHEM CORPORATION
300 CONSTITUTION DRIVE
MENLO PARK, CALIFORNIA 94025

TITLE
TM
TINEL-LOCK ADAPTER

SIZE	FSCM NO.	DWG NO.	REV
D	06090	TXS 07	A

DO NOT SCALE THIS DRAWING — SHEET 1 OF 1

CADD SYSTEM NO.: TXS-07