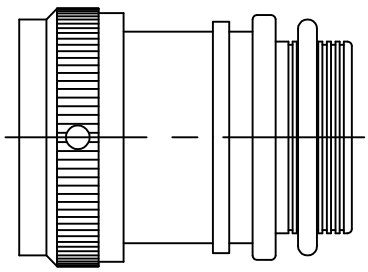
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F1	REVISED PER ECO-11-005139	29MAR11	HMR



CODE 18
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-TXR18AB00-1406). RINGS SHALL BEAR NO MARKING.
5. FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
6. ADAPTER MATES TO MIL-C-5015D, CLASS A, E & R, MS3100, MS3101 & MS3106. RESILIENT INSERT, SOLDER TYPE & BENDIX 10-214, CANNON CA-RX COMMERCIAL CRIMP TYPE.
7. ADDITIONAL PIECE(S) SUPPLIED WHEN CONNECTOR MANUFACTURER IS UNKNOWN ("D" IN TABLE III) AND ENTRY SIZE DOES NOT EXCEED VALUE IN TABLE I. SEE FIGURE A PAGE 2 OF 4.
8. ALL THREAD SIZES FOR ORDER NO. APPLY.
9. ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES 120°±5° APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2. NOT REQUIRED FOR TYPE II ADAPTERS.

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SPECIFICATION CONTROL 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 ± 0.5 DEG

DRAWN	R. RAMIREZ	04-19-93
CHECKED	---	---
APPROVED	W.C.GAY	04-19-93
REVISED	MFORONDA	2/24/05

CAD NAME: R050057A.dwg

THIRD ANGLE PROJECTION

TE Connectivity
300 Constitution Drive
Menlo Park, CA. 94025 U.S.A.

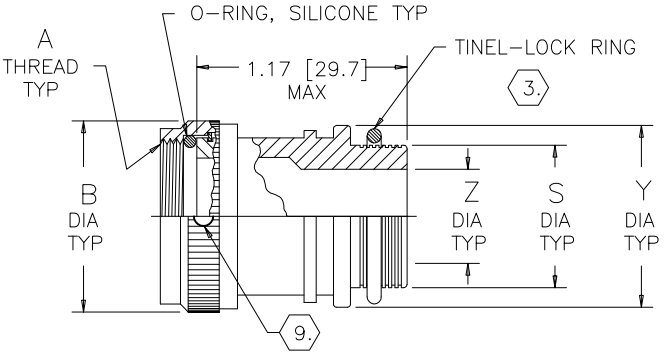
Raychem

TITLE

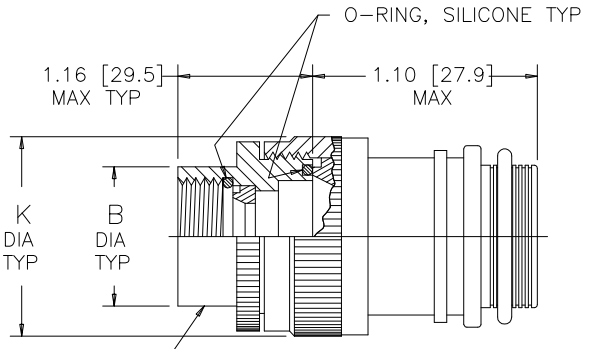
TINEL-LOCK ADAPTER

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR18	F1

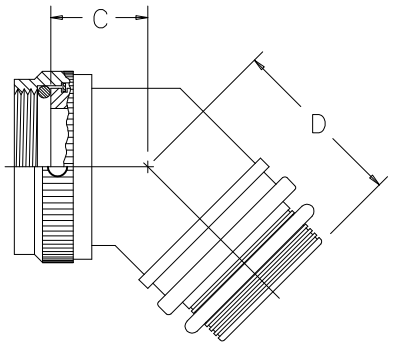
DO NOT SCALE THIS DRAWING



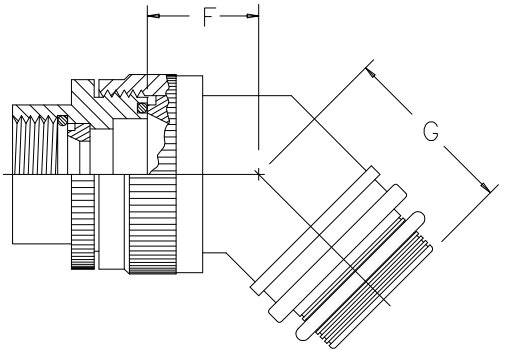
STRAIGHT ADAPTER–TYPE I



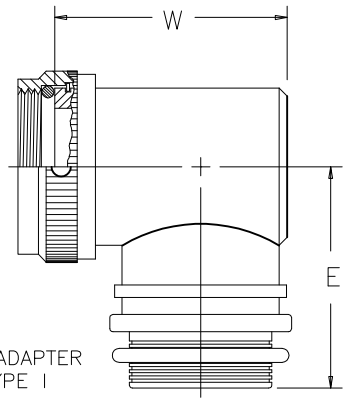
STRAIGHT ADAPTER–TYPE II



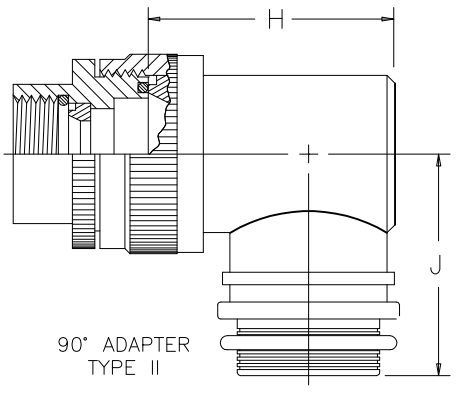
45° ADAPTER–TYPE I



45° ADAPTER–TYPE II



90° ADAPTER
TYPE I



90° ADAPTER
TYPE II

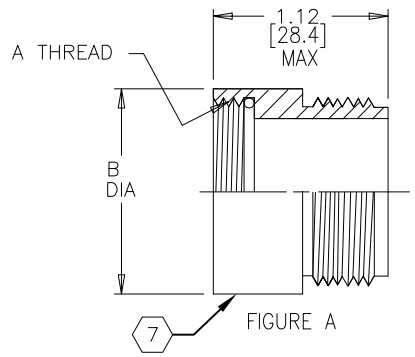


FIGURE A

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SPECIFICATION CONTROL DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR18	F1

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TABLE I

ORDER NO.	SHELL SIZE (6)	MFR CODE TABLE III	MAX ENTRY SIZE (5) TYPE I	A THREAD CLASS 2B	B DIA MAX	C MAX	D MAX	E MAX
08	8S	B	04	.375–32 UNEF	.73 [18.5]	.80 [20.3]	.92 [23.4]	1.23 [31.2]
		C		.438–28 UNEF				
		A,R		.438–27 UNS				
		D (7)		(8)				
10	10S	—	06	.500–28 UNEF	.79 [20.1]	.83 [21.1]	.95 [24.1]	1.23 [31.2]
11	10SL	C	07	.562–24 UNEF	.85 [21.6]	.83 [21.1]	.95 [24.1]	1.23 [31.2]
		A,B,R		.625–24 UNEF	.92 [23.4]			
		D (7)		(8)	.92 [23.4]			
12	12 & 12S	B,C	08	.625–24 UNEF	.92 [23.4]	.83 [21.1]	.95 [24.1]	1.23 [31.2]
		A,R		.688–24 UNEF	.98 [24.9]	.86 [21.8]	.98 [24.9]	1.30 [33.0]
		D (7)		(8)	.98 [24.9]	.86 [21.8]	.98 [24.9]	1.30 [33.0]
14	14 & 14S	—	10	.750–20 UNEF	1.04 [26.4]	.86 [21.8]	.98 [24.9]	1.30 [33.0]
16	16 & 16S	—	12	.875–20 UNEF	1.23 [31.2]	.89 [22.6]	1.02 [25.9]	1.42 [36.1]
18	18	—	12	1.000–20 UNEF	1.35 [34.3]	.92 [23.4]	1.05 [26.7]	1.48 [37.6]
20	20	A,B,C	16	1.125–18 UNEF	1.48 [37.6]	.95 [24.1]	1.08 [27.4]	1.55 [39.4]
		R		1.125–24 UNS				
		D (7)		(8)				
22	22	—	18	1.250–18 UNEF	1.60 [40.6]	.98 [24.9]	1.11 [28.2]	1.61 [40.9]
24	24	—	20	1.375–18 UNEF	1.73 [43.9]	.98 [24.9]	1.11 [28.2]	1.67 [42.4]
28	28	—	22	1.625–18 UNEF	2.10 [53.3]	1.08 [27.4]	1.17 [29.7]	1.86 [47.2]
32	32	B,C	24	1.875–16 UN	2.23 [56.6]	1.11 [28.2]	1.23 [31.2]	1.92 [48.8]
		A,R		1.906–18 UN				
		D (7)		(8)				
36	36	B	24	2.062–16 UNS	2.48 [63.0]	1.23 [31.2]	1.27 [32.3]	2.05 [52.1]
		R		2.062–20 UNS				
		C		2.125–16 UN				
		A		2.125–18 UNS				
		D (7)		(8)				
40	40	B	24	2.312–16 UNS	2.73 [69.3]	1.27 [32.3]	1.30 [33.0]	2.17 [55.1]
		A,C,R		2.375–16 UN				
		D (7)		(8)				
44	44	—	24	2.625–16 UN	3.23 [82.0]	1.34 [34.0]	1.36 [34.5]	2.42 [61.5]
48	48	C	24	2.812–18 UNS	3.23 [82.0]	1.34 [34.0]	1.36 [34.5]	2.42 [61.5]
		A,R		2.875–16 UN				
		D (7)		(8)				

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SPECIFICATION CONTROL DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR18	F1

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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]	1.24 [31.5]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	1.35 [34.3]	.77 [19.6]	.93 [23.6]	1.16 [29.5]	1.19 [30.2]	.80 [20.3]
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	1.41 [35.8]	.77 [19.6]	.93 [23.6]	1.16 [29.5]	1.19 [30.2]	.80 [20.3]
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	1.47 [37.3]	.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]	1.54 [39.1]	.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]	1.63 [41.4]	.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]	1.79 [45.5]	.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]	1.92 [48.8]	.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]	2.04 [51.8]	.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]	2.16 [54.9]	.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]	2.29 [58.2]	.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]	2.63 [66.8]	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]	2.76 [70.1]	1.08 [27.4]	1.44 [36.6]	1.92 [48.8]	2.42 [61.5]	2.23 [56.6]

TABLE III	
MFR CODE	CONNECTOR MANUFACTURER (MS 3100, MS 3101 & MS 3106)
A	AMPHENOL–CLASS A
B	BENDIX–CLASS A, E & R
C	CANNON–CLASS A, E & R
D	MFR UNKNOWN, CLASS A, E & R
R	AMPHENOL–CLASS R
–	MFR CODE NOT REQUIRED

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SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	TXR18	F1
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