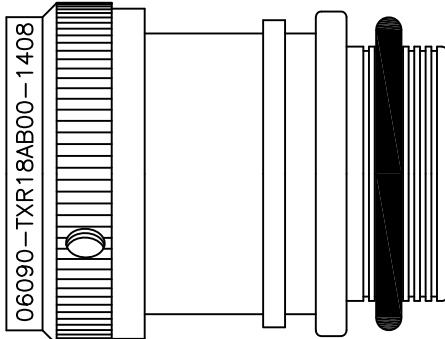


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THE SUITABILITY OF THE PRODUCT
FOR THEIR APPLICATION.

REVISION

LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECO-14-015963	10/24/2014	I. MYONG
J	REVISED PER ECO-15-002435	02/18/2015	H. SMITH



CODE 18 – TINEL-LOCK ADAPTER – STRAIGHT

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 YYWW). 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 $120^\circ \pm 5^\circ$ APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2. NOT REQUIRED FOR TYPE II ADAPTERS.
10. THESE DIMENSIONS APPLY IF ADAPTER MATERIAL IS STAINLESS STEEL.

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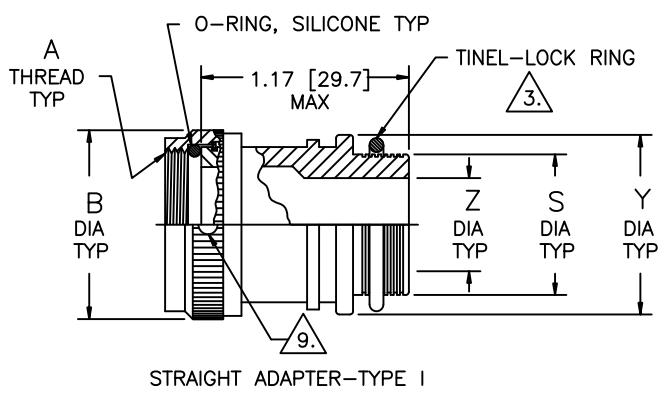
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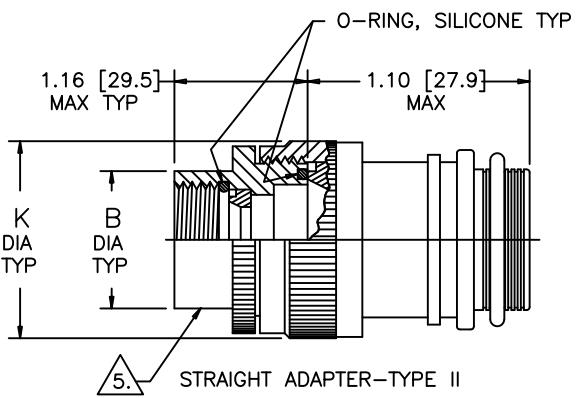
OTHER LOGOS, PRODUCT AND/OR COMPANY NAMES MAY BE TRADEMARKS OF THEIR RESPECTIVE OWNERS.

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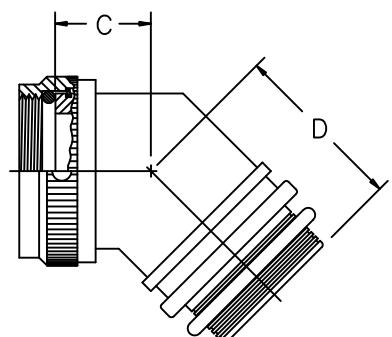
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. REFERENCE METRIC DIMENSIONS ARE IN BRACKETS [metric].	DRAWN: T. NGUYEN	DATE: 02/21/2014			TE Connectivity
DECIMALS TOLERANCES: XXX $\pm .005$ [0.13mm] XX $\pm .01$ [0.25mm] X $\pm .1$ [0.50mm]	CHECKED: I. MYONG	DATE: 02/24/2014	TITLE:	CODE 18 – TINEL-LOCK ADAPTER	
ANGLES TOLERANCE: $\pm 1^\circ$	APPROVED: I. MYONG	DATE: 02/25/2014	FINISH: SEE NOTES		
SCALE: DO NOT SCALE THIS DRAWING	CAD FILE: TXR18.dwg	THIRD ANGLE PROJECTION:	SIZE: A	SHEET: 1 OF 4	DRAWING NO: TXR18
					REV. J



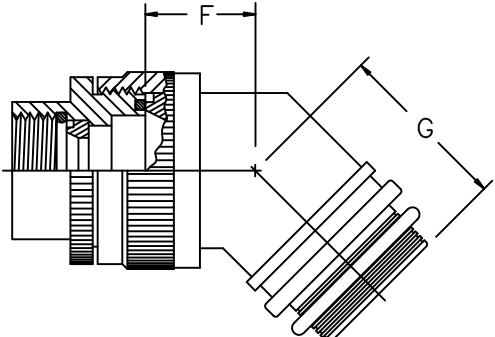
STRAIGHT ADAPTER-TYPE I



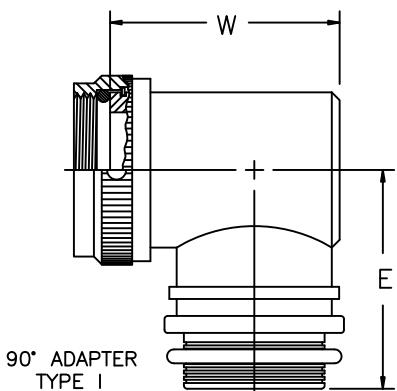
STRAIGHT ADAPTER-TYPE II



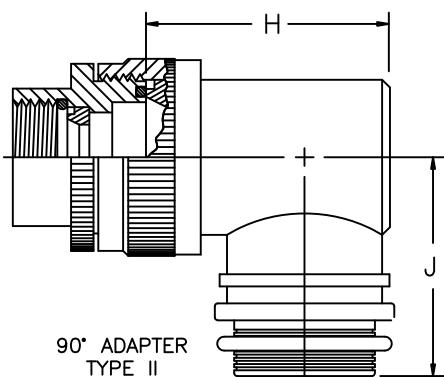
45° ADAPTER-TYPE I



45° ADAPTER-TYPE II



90° ADAPTER
TYPE I



90° ADAPTER
TYPE II

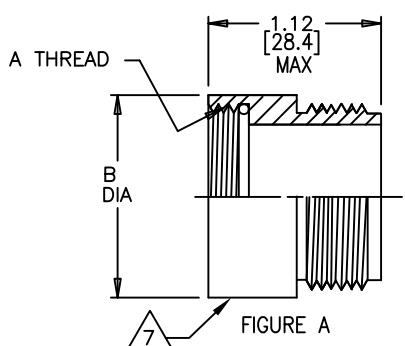


FIGURE A

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2 OF 4

DWG. NO.

TXR18

REV

TABLE I

ORDER. NO.	SHELL SIZE —	MFR. CODE TABLE III	MAX ENTRY SIZE TYPE I	A THREAD CLASS 2B	B DIA. MAX	C MAX	D MAX	E MAX	W MAX	E MAX \triangle 10	W MAX \triangle 10
08	8S	B C A,R D	04	.375-32 UNEF .438-28 UNEF .438-27 UNS —	.73 [18.5]	.80 [20.3]	.92 [23.4]	1.23 [31.2]	.93 [23.6]	1.23 [31.2]	.93 [23.6]
									.99 [25.1]		.99 [25.1]
10	10S	—	06	.500-28 UNEF .562-24 UNEF .625-24 UNEF	.79 [20.1] .85 [21.6] .92 [23.4]	.83 [21.1]	.95 [24.1]	1.23 [31.2]	1.06 [26.8] 1.12 [28.4]	1.25 [31.7]	1.06 [26.8] 1.12 [28.4]
11	10SL	A,B,R D	07		1.18 [30.0]	1.32 [33.5]	1.18 [30.0]				
12	12 & 12S	B,C A,R D	08	.625-24 UNEF .688-24 UNEF	.92 [23.4]	.83 [21.1]	.95 [24.1]	1.23 [31.2]	1.18 [30.0]	1.32 [33.5]	1.18 [30.0]
					1.24 [31.6]	1.32 [33.5]	1.24 [31.6]				
14	14 & 14S	—	10	.750-20 UNEF	1.04 [26.4]	.86 [21.8]	.98 [24.9]	1.30 [33.0]	1.31 [33.2] 1.42 [36.1]	1.39 [35.4] 1.43 [36.3]	1.31 [33.2] 1.42 [36.1]
16	16 & 16S	—	12	.875-20 UNEF	1.23 [31.2]	.89 [22.6]	1.02 [25.9]	1.42 [36.1]	1.42 [36.1]	1.43 [36.3]	1.43 [36.3]
18	18	—	12	1.000-20 UNEF	1.35 [34.3]	.92 [23.4]	1.05 [26.7]	1.48 [37.6]	1.49 [37.9]	1.48 [37.7]	1.49 [37.9]
20	20	A,B,C R D	16	1.125-18 UNEF 1.125-24 UNS	1.48 [37.6]	.95 [24.1]	1.08 [27.4]	1.55 [39.4]	1.68 [42.7]	1.55 [39.4]	1.68 [42.7]
22	22	—	18	1.250-18 UNEF	1.60 [40.6]	.98 [24.9]	1.11 [28.2]	1.61 [40.9]	1.81 [45.9]	1.61 [40.9]	1.81 [45.9]
24	24	—	20	1.375-18 UNEF	1.73 [43.9]	.98 [24.9]	1.11 [28.2]	1.67 [42.4]	1.93 [49.0]	1.79 [45.4]	1.93 [49.0]
28	28	—	22	1.625-18 UNEF	2.10 [53.3]	1.08 [27.4]	1.17 [29.7]	1.86 [47.2]	2.06 [52.2]	1.86 [47.2]	2.06 [52.2]
32	32	B,C A,R D	24	1.875-16 UN 1.906-18 UN	2.23 [56.6]	1.11 [28.2]	1.23 [31.2]	1.92 [48.8]	2.32 [58.9]	2.04 [51.8]	2.31 [58.6]
				2.062-16 UNS 2.062-20 UNS 2.125-16 UN 2.125-18 UNS							
36	36	B R C A D	24		2.48 [63.0]	1.23 [31.2]	1.27 [32.3]	2.05 [52.1]	2.68 [68.2]	2.16 [54.8]	2.67 [67.7]
40	40	B A,C,R D	24	2.312-16 UNS 2.375-16 UN	2.73 [69.3]	1.27 [32.3]	1.30 [33.0]	2.17 [55.1]	2.86 [72.7]	2.28 [58.0]	2.84 [72.2]
				—							
44	44	—	24	2.625-16 UN	3.23 [82.0]	1.34 [34.0]	1.36 [34.5]	2.42 [61.5]	3.06 [77.6]	2.42 [61.5]	3.06 [77.6]
48	48	C A,R D	24	2.812-18 UNS 2.875-16 UN	3.23 [82.0]	1.34 [34.0]	1.53 [39.0]	2.42 [61.5]	3.31 [84.0]	2.42 [61.5]	3.31 [84.0]
				—							

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TABLE II

ENTRY SIZE	Z +.010 -.020	S DIA	Y ±.015 [±0.38]	F MAX	G MAX	J MAX	H MAX	K MAX
04	.250 [6.35]	.376 [9.56] .370 [9.39]	.550 [13.97]	N/A	N/A	N/A	N/A	N/A
05	.312 [7.92]	.438 [11.13] .432 [10.97]	.612 [15.54]	.77 [19.6]	1.10 [28.0]	1.16 [29.5]	1.19 [30.2]	.82 [21.0]
06	.375 [9.52]	.501 [12.73] .495 [12.57]	.675 [17.14]	.77 [19.6]	1.10 [28.0]	1.16 [29.5]	1.19 [30.2]	.82 [21.0]
07	.437 [11.09]	.563 [14.31] .556 [14.12]	.737 [18.71]	.80 [20.3]	1.10 [28.0]	1.22 [31.0]	1.38 [35.1]	.92 [23.4]
08	.500 [12.70]	.626 [15.91] .619 [15.72]	.800 [20.32]	.80 [20.3]	1.12 [28.5]	1.22 [31.0]	1.38 [35.1]	.96 [24.5]
10	.625 [15.87]	.752 [19.11] .742 [18.84]	.925 [23.49]	.84 [21.3]	1.16 [29.5]	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]	.86 [21.8]	1.19 [30.2]	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]	.88 [22.4]	1.22 [31.0]	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]	.91 [23.1]	1.23 [31.4]	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]	.93 [23.6]	1.24 [31.6]	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]	.98 [24.9]	1.28 [32.6]	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]	1.03 [26.2]	1.40 [35.8]	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]	1.08 [27.4]	1.52 [38.6]	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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