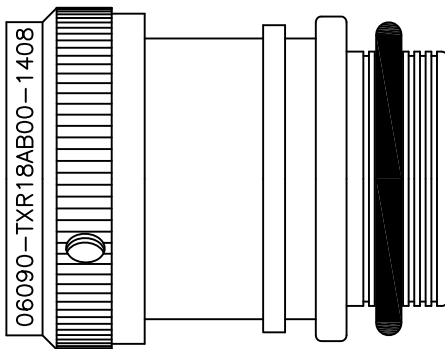


TE CONNECTIVITY (TE) RESERVES THE RIGHT TO CHANGE THIS DRAWING AT ANYTIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.	REVISION			
	LTR	DESCRIPTION	DATE	APPROVED
	H	REVISED PER ECO-14-015963	10/24/2014	I. MYONG
	J	REVISED PER ECO-15-002435	02/18/2015	H. SMITH



CODE 18 – TINEL-LOCK ADAPTER – STRAIGHT

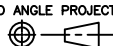
NOTES:

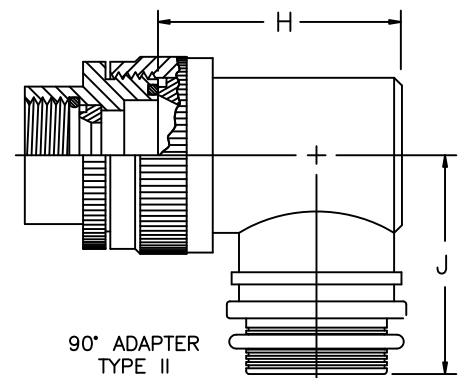
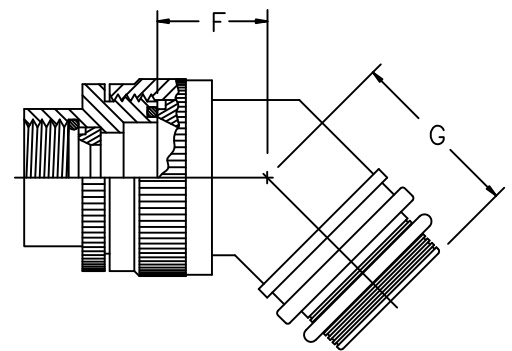
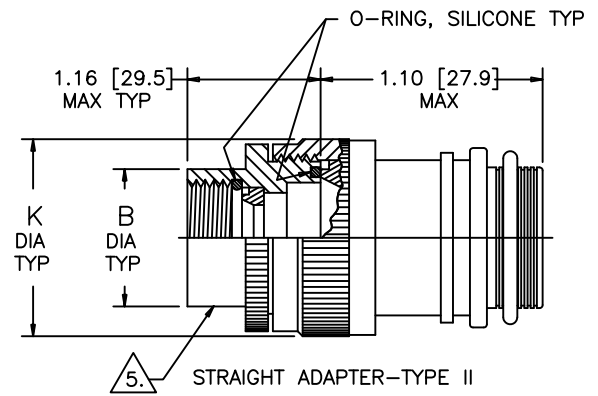
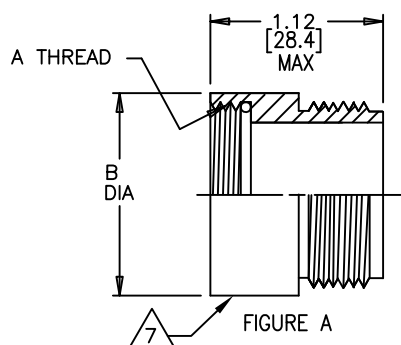
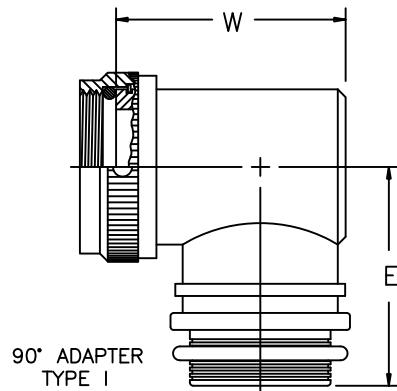
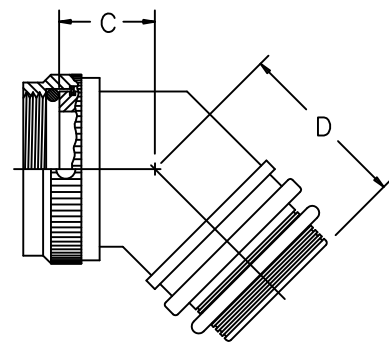
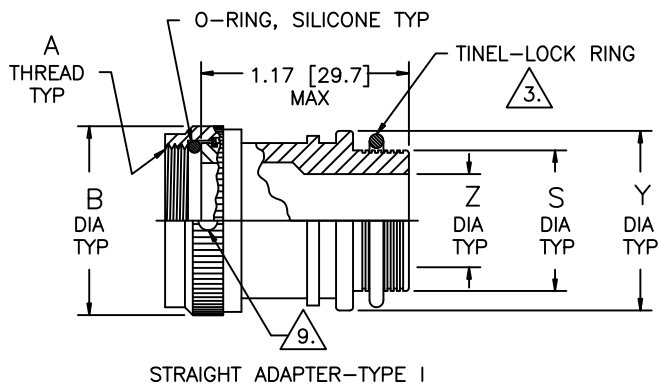
- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- SEE CH00-0250-008 FOR ORDERING INFORMATION, MODIFICATIONS AND ADDITIONAL DIMENSIONS.
- SEE DRAWING "TR" FOR DETAIL ON TINEL-LOCK RING. RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.
- 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.
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- 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.
- 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.
- ALL THREAD SIZES FOR ORDER NO. APPLY.
- ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES 120°±5° APART, SINGLE MATING SET SCREW SUPPLIED: AN565DC4H2. NOT REQUIRED FOR TYPE II ADAPTERS.
- THESE DIMENSIONS APPLY IF ADAPTER MATERIAL IS STAINLESS STEEL.

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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	
	CHECKED: I. MYONG	DATE: 02/24/2014						
	DECIMALS TOLERANCES: XXX ± .005 [0.13mm] XX ± .01 [0.25mm] X ± .1 [0.50mm] ANGLES TOLERANCE: ± 1°	APPROVED: I. MYONG	DATE: 02/25/2014	TITLE: CODE 18 – TINEL-LOCK ADAPTER				
		MATERIAL: SEE NOTES	FINISH: SEE NOTES					
SCALE: DO NOT SCALE THIS DRAWING	CAD FILE: TXR18.dwg	THIRD ANGLE PROJECTION: 	SIZE: A	SHEET: 1 OF 4	CAGE CODE: 06090	DRAWING NO: TXR18	REV. J	



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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	04	.375–32 UNEF	.73 [18.5]	.80 [20.3]	.92 [23.4]	1.23 [31.2]	.93 [23.6]	1.23 [31.2]	.93 [23.6]
		C		.438–28 UNEF							
		A,R		.438–27 UNS							
		D		—							
10	10S	—	06	.500–28 UNEF	.79 [20.1]	.83 [21.1]	.95 [24.1]	1.23 [31.2]	1.06 [26.8]	1.25 [31.7]	1.06 [26.8]
11	10SL	C	07	.562–24 UNEF	.85 [21.6]	.83 [21.1]	.95 [24.1]	1.23 [31.2]	1.12 [28.4]	1.32 [33.5]	1.12 [28.4]
		A,B,R		.625–24 UNEF	.92 [23.4]				1.18 [30.0]		1.18 [30.0]
		D		—	—				—		—
12	12 & 12S	B,C	08	.625–24 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]
		A,R		.688–24 UNEF	.98 [24.9]				1.24 [31.6]		1.24 [31.6]
		D		—	—				—		—
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]	1.39 [35.4]	1.31 [33.2]
16	16 & 16S	—	12	.875–20 UNEF	1.23 [31.2]	.89 [22.6]	1.02 [25.9]	1.42 [36.1]	1.43 [36.3]	1.42 [36.1]	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	16	1.125–18 UNEF	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]
		R		1.125–24 UNS							
		D		—							
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	24	1.875–16 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]
		A,R		1.906–18 UN							
		D		—							
36	36	B	24	2.062–16 UNS	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]
		R		2.062–20 UNS							
		C		2.125–16 UN							
		A		2.125–18 UNS							
		D		—							
40	40	B	24	2.312–16 UNS	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]
		A,C,R		2.375–16 UN							
		D		—							
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	24	2.812–18 UNS	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]
		A,R		2.875–16 UN							
		D		—							

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TABLE II

ENTRY SIZE	Z +.010 -.020	S DIA	Y $\pm .015$ [± 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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