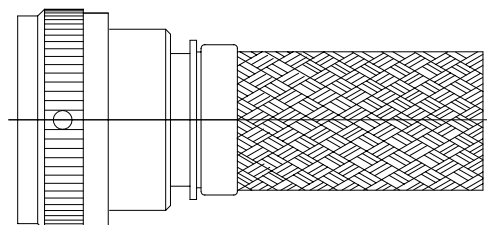


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
C	REVISED PER ECN AD93088		



CODE 18, SHIELDED STRAIGHT ADAPTER

NOTES:

- THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004.
- ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. (E.G.: 06090-218M712-19B08).
- 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 (LESS ENDBELL).
- BRAID TERMINATION RING MAY BE SUPPLIED AS TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURER'S OPTION.
- ALL THREAD SIZES FOR ORDER NO. APPLY.
- ADDITIONAL PIECE(S) SUPPLIED WHEN CONNECTOR MFR IS UNKNOWN ("D" IN TABLE III) AND ENTRY SIZE DOES NOT EXCEED VALUE IN TABLE I.
- 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.

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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 05-05-93
CHECKED	DATE
APPROVED	DATE
APPROVED	DATE
CAD NAME \\ACAD12\218M7XX	
THIRD ANGLE PROJECTION	

tyco
Electronics

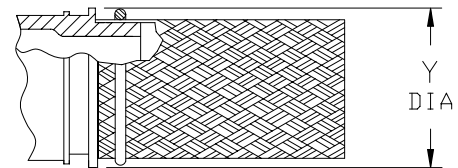
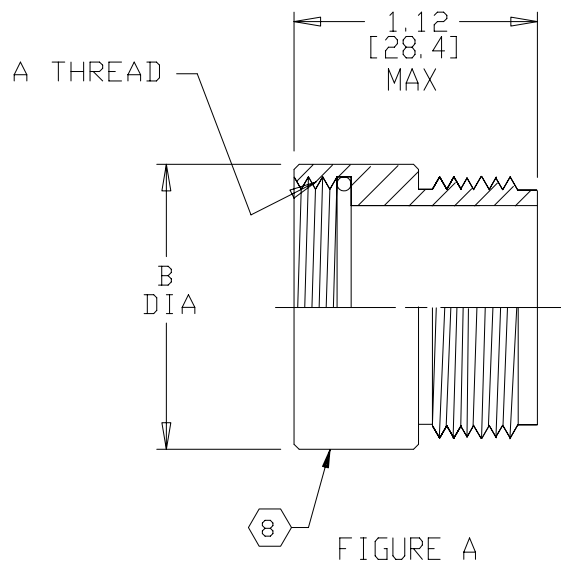
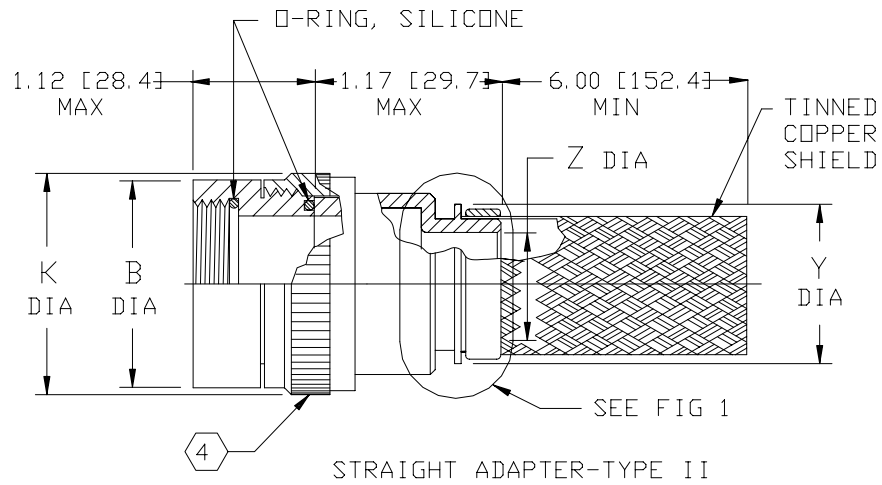
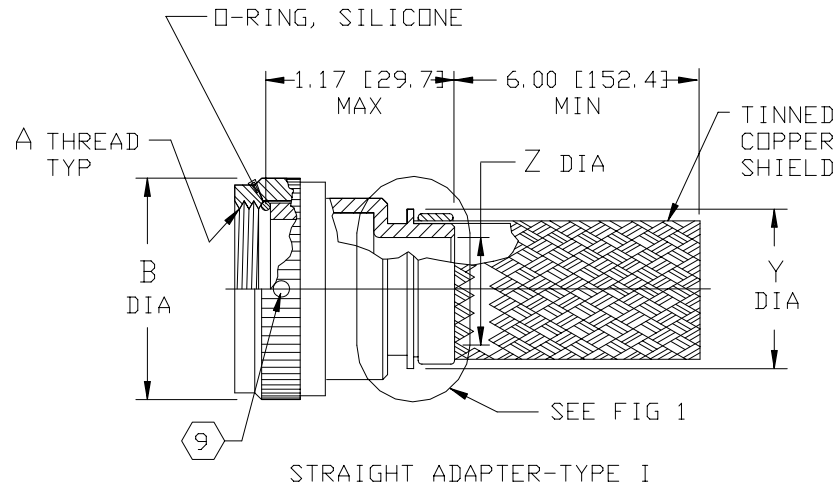
Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA. 94025 U.S.A.

Raychem

TITLE

ADAPTER, SHIELD, STRAIGHT
CODE 18

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	218M7XX	C
DO NOT SCALE THIS DWG			SHEET 1 OF 4



TINEL-LOCK TERMINATION

FIG 1 6

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SIZE	CODE	IDENT. NO.	DWG. NO.	REV
A	06090	218M7XX	C	
DO NOT SCALE THIS DWG				CAD NAME \ACAD12\218M7X-2
				SHEET 2 OF 4

TABLE I

BASE PART NUMBER	SHELL SIZE 5	MFR CODE TABLE II	MAX ENTRY SIZE TYPE 1 4	A THREAD CLASS 2B	B DIA MAX
218M708	8S	B	04	.375-32 UNEF	.73 [18.5]
		C		.438-28 UNEF	
		A, R		.438-27 UNS	
		D 8		7	
218M710	10S	—	06	.500-28 UNEF	.79 [20.1]
218M711	10SL	C	07	.562-24 UNEF	.85 [21.6]
		A, B, R		.625-24 UNEF	.92 [23.4]
		D 8		7	.92 [23.4]
218M712	12&12S	B, C	08	.625-24 UNEF	.92 [23.4]
		A, R		.688-24 UNEF	.98 [24.9]
		D 8		7	.98 [24.9]
218M714	14&14S	—	10	.750-20 UNEF	1.04 [26.4]
218M716	16&16S	—	12	.875-20 UNEF	1.23 [31.2]
218M718	18	—	13	1.000-20 UNEF	1.35 [34.3]
218M720	20	A, B, C	16	1.125-18 UNEF	1.48 [37.6]
		R		1.125-24 UNS	
		D 8		7	
218M722	22	—	18	1.250-18 UNEF	1.60 [40.6]
218M724	24	—	20	1.375-18 UNEF	1.73 [43.9]
218M728	28	—	24	1.625-18 UNEF	2.10 [53.3]
218M732	32	B, C	24	1.875-16 UN	2.23 [56.6]
		A, R		1.906-18 UN	
		D 8		7	
218M736	36	B	28	2.062-16 UNS	2.48 [63.0]
		R		2.062-20 UNS	
		C		2.125-16 UN	
		A		2.125-18 UNS	
		D 8		7	
218M740	40	B	28	2.312-16 UNS	2.73 [69.3]
		A, C, R		2.375-16 UN	
		D 8		7	
218M744	44	—	28	2.625-16 UN	3.23 [82.0]
218M748	48	C	28	2.812-18 UNS	3.23 [82.0]
		A, R		2.875-16 UN	
		D 8		7	

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SIZE	CODE	IDENT. NO.	DWG. NO.	REV
A	06090		218M7XX	C
DO NOT SCALE THIS DWG		CAD NAME \ACAD12\218M7X-3 SHEET 3 OF 4		

TABLE II

ENTRY SIZE	Z $\pm .020$ [± 0.51]	Y DIA MIN	K MAX
03	.188 [4.78]	.393 [9.98]	N/A
04	.250 [6.35]	.456 [11.58]	N/A
05	.312 [7.92]	.515 [13.08]	.80 [20.3]
06	.375 [9.53]	.581 [14.76]	.80 [20.3]
07	.438 [11.13]	.643 [16.33]	.92 [23.4]
08	.500 [12.70]	.705 [17.91]	.92 [23.4]
09	.562 [14.27]	.705 [17.91]	1.18 [30.0]
10	.625 [15.88]	.831 [21.11]	1.18 [30.0]
11	.688 [17.48]	.893 [22.68]	1.18 [30.0]
12	.750 [19.05]	.953 [24.21]	1.35 [34.3]
13	.812 [20.62]	.953 [24.21]	1.41 [35.8]
14	.875 [22.23]	1.081 [27.46]	1.41 [35.8]
15	.938 [23.83]	1.143 [29.03]	1.60 [40.6]
16	1.000 [25.40]	1.205 [30.61]	1.60 [40.6]
18	1.125 [28.58]	1.381 [35.08]	1.66 [42.2]
20	1.250 [31.75]	1.506 [38.25]	2.04 [51.8]
22	1.375 [34.93]	1.631 [41.43]	2.23 [56.6]
24	1.500 [38.10]	1.756 [44.60]	2.23 [56.6]
28	1.750 [44.45]	2.004 [50.90]	2.48 [63.0]

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 A	CODE IDENT. NO. 06090	DWG. NO. 218M7XX	REV C
DO NOT SCALE THIS DWG	CAD NAME \ACAD12\218M7X-4	SHEET 4	OF 4

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