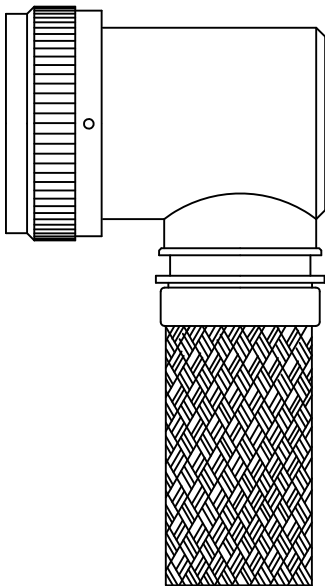


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	LTR	DESCRIPTION	DATE	APPROVED
	R	REVISED PER ECO-15-003651	03/10/2015	I. MYONG



ADAPTER, SHIELD, 90°, CODE 54

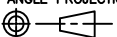
NOTES:

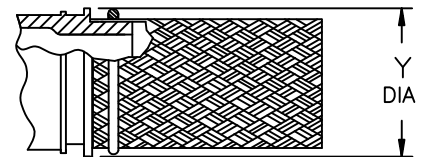
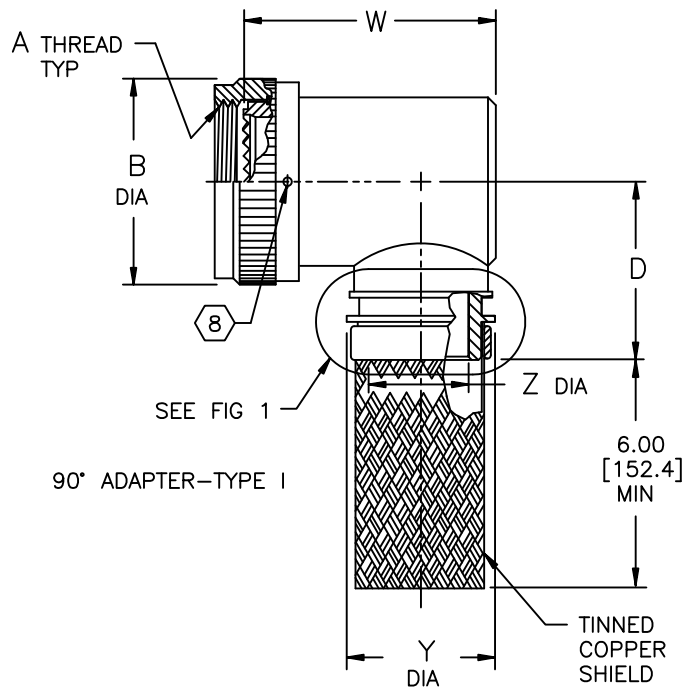
- THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004.
- ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. (e.g., 06090-203M212-19A08 YYWW).
- FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- BRAID TERMINATION RING MAY BE SUPPLIED AS TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURER'S OPTION.
- ADAPTER MATES TO SAE-AS81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L.
- ADAPTER MATES TO SAE-AS50151, AS34001 SERIES, CLASS D, E, K, L, U & W: AS34001, AS34011, AS34041, AS34061, AS34501, AS34511, AS34541, AS34561, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-DTL-83723, SERIES II, CLASS A & L, MIL-DTL-83723, SERIES I & III, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98 (AS31551 CONTROLLED INTERFACE).
- WHEN "L" MODIFICATION, OPTION IS SPECIFIED, COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES, 120° APART.
- THESE DIMENSIONS APPLY IF AN ADAPTER MATERIAL IS STAINLESS STEEL.

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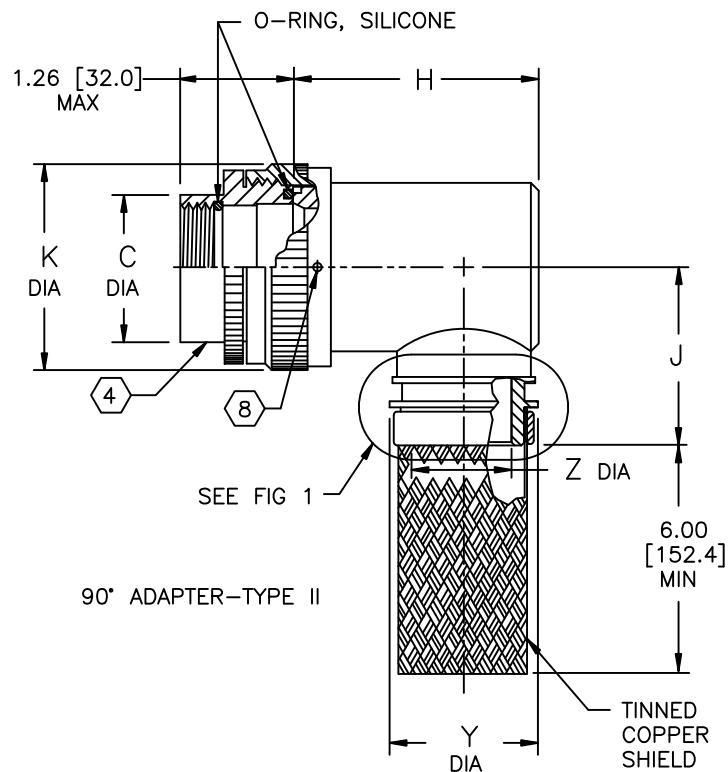
Raychem Adapters
 CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. REFERENCE METRIC DIMENSIONS ARE IN BRACKETS [metric]. DECIMALS TOLERANCES: XXX ± .005 [0.13mm] XX ± .01 [0.25mm] X ± .1 [0.50mm] ANGLES TOLERANCE: ± 1°	DRAWN: R. RAMIREZ	DATE: 03/19/1993	 TE Connectivity				
	CHECKED:	DATE:	TITLE: ADAPTER, SHIELD, 90°, CODE 54				
	APPROVED: W. C. GAY	DATE: 05/19/1993					
	MATERIAL: SEE NOTES	FINISH: SEE NOTES					
SCALE: DO NOT SCALE THIS DRAWING	CAD FILE: 203M2XX.dwg	THIRD ANGLE PROJECTION: 	SIZE: A	SHEET: 1 OF 4	CAGE CODE: 06090	DRAWING NO: 203M2XX	REV. R



TINEL-LOCK TERMINATION

FIG 1 (5)



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ACAGE
06090SHEET
2 OF 4

DWG. NO.

203M2XX

REV
R

TABLE I									
ORDER NO.	SHELL SIZE		MAX ENTRY SIZE TYPE I 	A THREAD CLASS 2B	B DIA MAX	C MAX	D MAX	W MAX	W MAX 
									
03	3		04	.562-24 UNEF	.669 [17.00]	.695 [17.65]	1.13 [28.7]	1.06 [26.9]	1.06 [26.8]
08		8 & 8S	04	.500-20 UNF	.617 [15.67]	.630 [16.00]	1.10 [27.9]	.98 [25.0]	.90 [22.9]
10		10, 10S & 10SL	05	.625-24 UNEF	.734 [18.64]	.757 [19.23]	1.16 [29.5]	1.06 [27.0]	1.00 [25.5]
12	7	12 & 12S	08	.750-20 UNEF	.858 [21.79]	.882 [22.40]	1.22 [31.0]	1.16 [29.5]	1.13 [28.8]
14	12	14 & 14S	09	.875-20 UNEF	.984 [24.99]	1.007 [25.58]	1.28 [32.5]	1.22 [31.0]	1.22 [30.9]
16	19	16 & 16S	11	1.000-20 UNEF	1.112 [28.24]	1.132 [28.75]	1.35 [34.3]	1.36 [34.5]	1.34 [34.0]
18	27	18	12	1.062-18 UNEF	1.218 [30.94]	1.218 [30.94]	1.40 [35.6]	1.48 [37.5]	1.48 [37.5]
20	37	20	14	1.188-18 UNEF	1.345 [34.16]	1.345 [34.16]	1.46 [37.1]	1.67 [42.5]	1.55 [39.3]
22		22	16	1.312-18 UNEF	1.468 [37.30]	1.468 [37.30]	1.53 [38.9]	1.75 [44.5]	1.67 [42.4]
24		24	18	1.438-18 UNEF	1.593 [40.46]	1.593 [40.46]	1.59 [40.4]	1.79 [45.5]	1.78 [45.3]
28		28	22	1.750-18 UNS	1.969 [50.01]	1.969 [50.01]	1.78 [45.2]	2.15 [54.7]	2.02 [51.2]
32		32	24	2.000-18 UNS	2.219 [56.36]	2.219 [56.36]	1.90 [48.3]	2.42 [61.4]	2.38 [60.5]
36		36	28	2.250-16 UN	2.469 [62.71]	2.469 [62.71]	2.03 [51.6]	2.67 [67.7]	2.60 [66.0]
40		40	28	2.500-16 UN	2.719 [69.06]	2.719 [69.06]	2.15 [54.6]	2.90 [73.7]	2.85 [72.5]
44		44	28	2.750-16 UN	2.969 [75.41]	2.969 [75.41]	2.28 [57.9]	3.15 [80.0]	2.99 [76.0]
48		48	28	3.000-16 UN	3.219 [81.76]	3.219 [81.76]	2.40 [61.0]	3.40 [86.3]	3.40 [86.3]
61	61		18	1.500-18 UNEF	1.653 [42.00]	1.653 [42.00]	1.62 [41.1]	1.90 [48.3]	1.92 [48.8]

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TABLE II					
ENTRY SIZE	K MAX	Z MAX	ØY MAX	J MAX	H MAX
03	NA	.19 [4.8]	.52 [13.1]	NA	NA
04	NA	.25 [6.4]	.52 [13.1]	NA	NA
05	.83 [21.0]	.31 [7.9]	.52 [13.1]	1.16 [29.5]	1.19 [30.2]
06	.83 [21.0]	.38 [9.5]	.70 [17.9]	1.16 [29.5]	1.19 [30.2]
07	.92 [23.4]	.44 [11.1]	.70 [17.9]	1.22 [31.0]	1.38 [35.1]
08	.96 [24.5]	.50 [12.7]	.70 [17.9]	1.22 [31.0]	1.38 [35.1]
09	1.18 [30.0]	.56 [14.3]	.70 [17.9]	1.35 [34.3]	1.51 [38.4]
10	1.18 [30.0]	.63 [15.9]	.95 [24.2]	1.35 [34.3]	1.51 [38.4]
11	1.28 [32.5]	.69 [17.5]	.95 [24.2]	1.40 [35.6]	1.63 [41.4]
12	1.35 [34.3]	.75 [19.1]	.95 [24.2]	1.40 [35.6]	1.63 [41.4]
13	1.41 [35.8]	.81 [20.6]	.95 [24.2]	1.46 [37.1]	1.78 [45.2]
14	1.41 [35.8]	.88 [22.2]	1.20 [30.6]	1.46 [37.1]	1.78 [45.2]
15	1.60 [40.6]	.94 [23.8]	1.20 [30.6]	1.53 [38.9]	1.88 [47.8]
16	1.60 [40.6]	1.00 [25.4]	1.20 [30.6]	1.53 [38.9]	1.88 [47.8]
17	1.57 [40.0]	1.06 [27.0]	1.31 [33.2]	1.39 [35.2]	1.72 [43.7]
18	1.66 [42.2]	1.13 [28.6]	1.31 [33.2]	1.59 [40.4]	2.01 [51.1]
20	1.71 [43.5]	1.25 [31.8]	1.65 [42.0]	1.44 [36.7]	1.83 [46.4]
21	2.23 [56.6]	1.38 [35.0]	1.65 [42.0]	1.85 [47.0]	2.29 [58.2]
22	2.23 [56.6]	1.38 [35.0]	1.65 [42.0]	1.85 [47.0]	2.29 [58.2]
24	2.23 [56.6]	1.50 [38.1]	1.65 [42.0]	1.92 [48.8]	2.42 [61.5]
28	2.48 [63.0]	1.75 [44.5]	1.93 [49.0]	2.17 [55.1]	2.67 [67.8]

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