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REVISIONS

LTR

DESCRIPTION

DATE

APPROVED

A

RELEASED PER ECO-11-025206

12/16/11

B. WONG



SPIN-LOCK ADAPTER, HEAT SHRINKABLE MOLDED PART, SEALED

NOTES:

- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR AND PROVIDE STRAIN RELIEF.
- 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-XXXXXXXX-XXXX).
- ADAPTER MATES TO MIL-C-38999, SERIES I & II, CLASS E & T; MS27466, MS27467 MS27468, MS27472, MS27473, MS27479, MS27480, MS27481, MS27484, MS27497 MS27652, MS27653, MS27656 CONNECTORS.
- INSTALLATION PROCEDURE MIP-103.
- PERFORMANCE SPECIFICATION MPS-103.
- FOR ADDITIONAL ORDERING INFORMATION SEE CH00-0250-019.

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Raychem Adapters

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
AND TOLERANCES ARE:

.XXX ± —
.XX ± —
± —

MATERIAL

SEE NOTES

FINISH

—

DRAWN

D JAIN

DATE

12OCT2011

CHECKED

BERT W

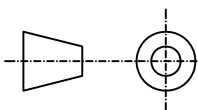
DATE

12OCT2011

APPROVED

DATE

THIRD ANGLE
PROJECTION



CAD NAME

SLM41_a.dwg

RPN:

—



TE Connectivity

TITLE

SPIN-LOCK ADAPTER, HEAT SHRINKABLE
MOLDED PART, SEALED, CODE 41

SIZE

A

CAGE CODE:

06090

DWG. NO.

SLM41

REV

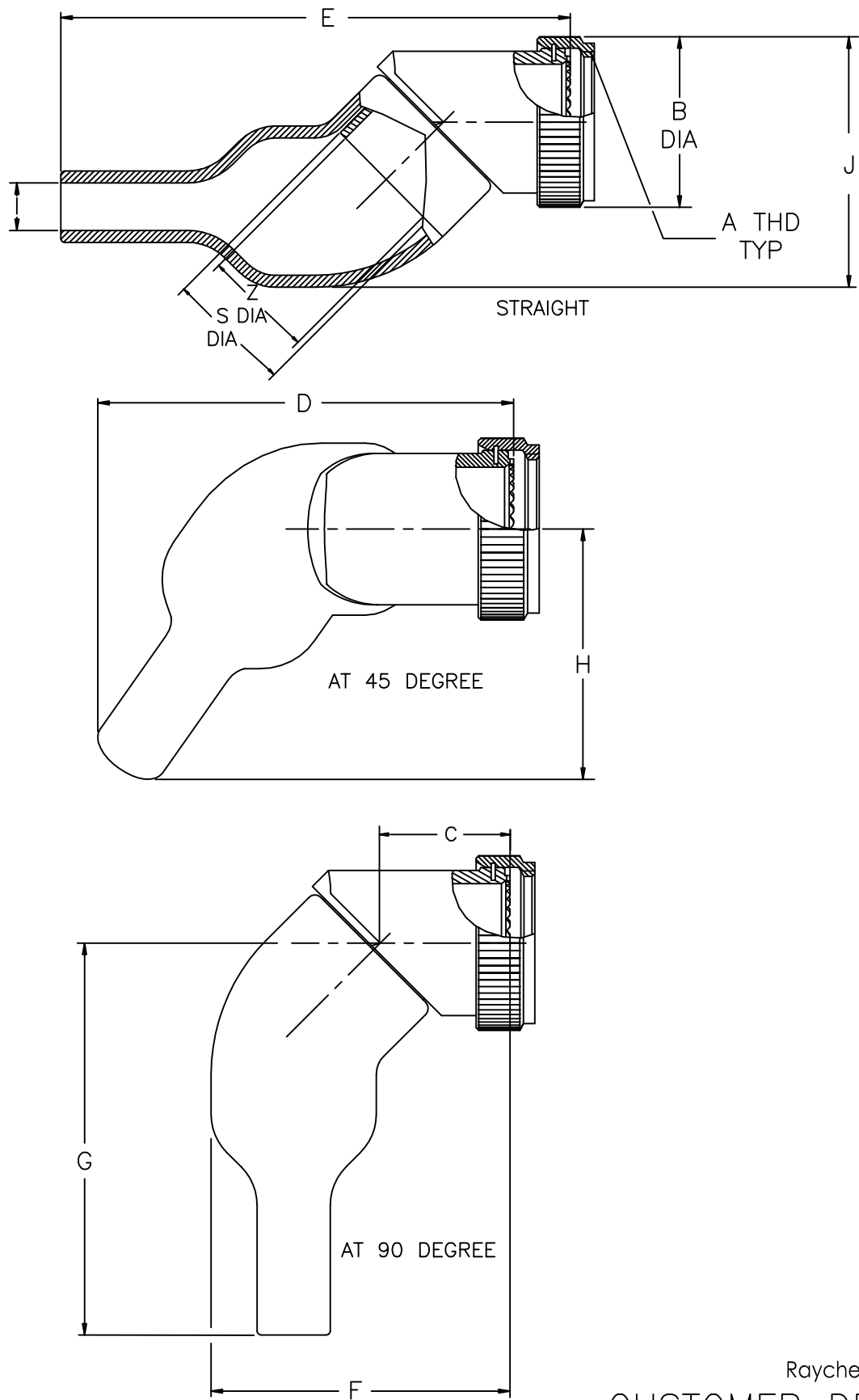
A

SCALE: NONE

SHEET 1 OF 3

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED PER ECO-11-025206	12/16/11	B. WONG

e.g SLM 41AB – 1610A



Raychem Adapters
CUSTOMER DRAWING

SIZE A	CAGE CODE: 06090	DWG. NO. SLM41	REV A
SCALE: NONE		SHEET 2 OF 3	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED PER ECO-11-025206	12/16/11	B. WONG

TABLE I

ORDER NO.	SHELL SIZE		AVAILABLE ENTRY SIZES		A METRIC THD CLASS 6H	B DIA MAX	C MAX DIM
	SER I	SER II	SMALL	LARGE			
08	09	8	04	—	.438-28 UNEF	.61 [15.49]	.65 [16.6]
10	11	10	04	06	.562-24 UNEF	.73 [18.54]	.76 [19.20]
12	13	12	06	08	.688-24 UNEF	.85 [21.59]	.83 [21.2]
14	15	14	08	10	.812-20 UNEF	1.01 [25.65]	.94 [23.90]
16	17	16	10	12	.938-20 UNEF	1.14 [28.95]	.92 [23.37]
18	19	18	10	14	1.062-18 UNEF	1.28 [32.51]	1.37 [34.8]
20	21	20	12	16	1.188-18 UNEF	1.40 [35.56]	1.02 [25.08]
22	23	22	14	18	1.312-18 UNEF	1.54 [39.11]	1.13 [28.8]
24	25	24	16	20	1.438-18 UNEF	1.66 [42.16]	1.15 [29.23]

TABLE II

ORDER NO.	D MAX DIM	E MAX DIM	F MAX DIM	G MAX DIM	H MAX DIM	I MAX DIM	J MAX DIM
08	2.00 [50.7]	2.45 [62.23]	1.50 [38.02]	1.82 [46.2]	1.03 [26.16]	1.05 [26.67]	1.15 [29.20]
10	2.28 [57.91]	3.02 [76.75]	1.65 [41.91]	2.33 [59.18]	1.32 [33.50]	1.10 [27.9]	1.35 [34.40]
12	2.44 [62.0]	3.15 [76.70]	1.80 [45.80]	2.33 [59.18]	1.37 [34.80]	1.20 [30.5]	1.41 [35.9]
14	2.70 [68.50]	3.47 [88.1]	2.03 [51.6]	2.55 [64.77]	1.52 [38.61]	1.15 [29.21]	1.61 [41.1]
16	2.65 [67.40]	3.52 [89.5]	2.03 [51.56]	2.55 [64.77]	1.44 [36.5]	1.20 [30.5]	1.76 [44.8]
18	2.64 [67.1]	3.85 [97.90]	2.23 [56.64]	2.90 [73.66]	1.77 [44.96]	1.15 [29.21]	1.89 [48.10]
20	2.94 [74.8]	3.89 [98.81]	2.24 [56.90]	2.90 [73.66]	1.77 [44.96]	1.20 [30.5]	1.95 [49.6]
22	3.43 [87.12]	4.43 [112.52]	2.52 [64.01]	3.36 [85.34]	2.16 [54.86]	1.20 [30.5]	2.23 [56.66]
24	3.53 [89.65]	4.52 [114.79]	2.61 [66.4]	3.36 [85.34]	2.16 [54.86]	1.20 [30.5]	2.33 [59.18]

TABLE III

ENTRY SIZE	MOLDED PART DESCRIPTION	S DIA	Z +.010 -.020
04	245W032	.376 [9.55] .370 [9.40]	.250 [6.35]
06	245W042	.501 [12.73] .495 [12.57]	.375 [9.53]
08	245W042	.626 [15.90] .619 [15.72]	.500 [12.70]
10	245W053	.752 [19.10] .742 [18.85]	.625 [15.88]
12	245W053	.877 [22.28] .867 [22.02]	.750 [19.05]
14	245W063	1.002 [25.45] .991 [25.17]	.875 [22.23]
16	245W063	1.127 [28.63] 1.116 [28.35]	1.000 [25.40]
18	245W074	1.252 [31.80] 1.241 [31.52]	1.125 [28.58]
20	245W074	1.377 [34.98] 1.366 [34.70]	1.250 [31.75]

Raychem Adapters

CUSTOMER DRAWING

SIZE	CAGE CODE:	DWG. NO.	REV
A	06090	SLM41	A
			SHEET 3 OF 3

Mouser Electronics

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[SLM54AB-1612A-25-0](#)