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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

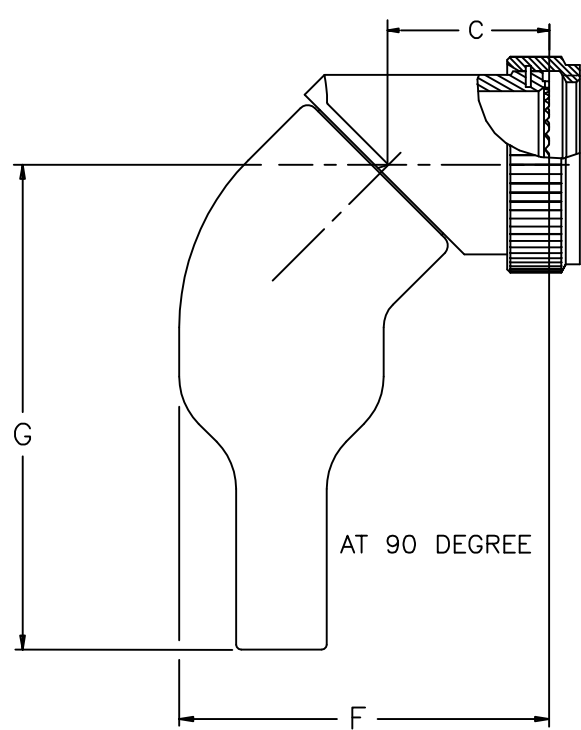
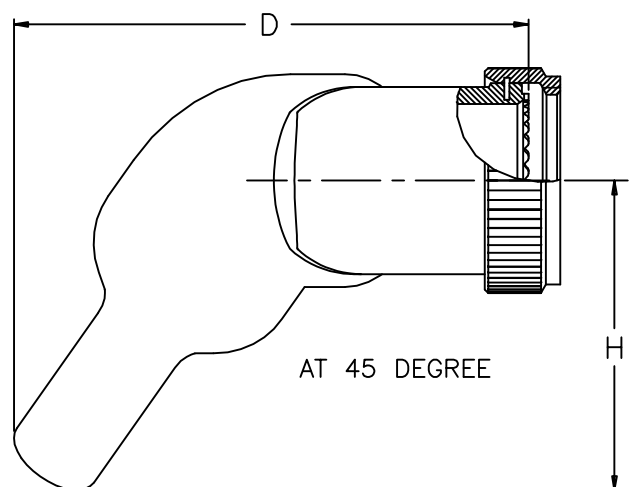
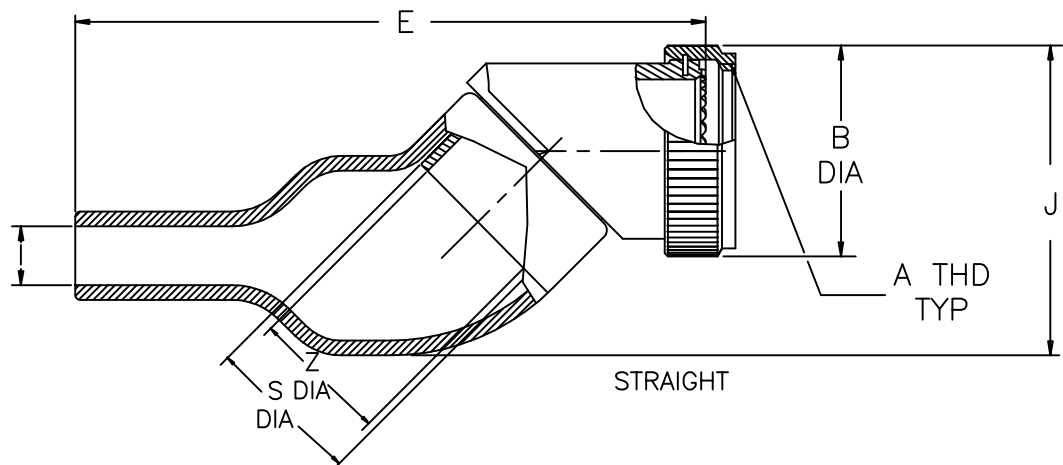
A

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<br>A   | CAGE CODE:<br>06090 | DWG. NO.<br>SLM41 | REV<br>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<br>METRIC THD<br>CLASS 6H | B<br>DIA<br>MAX | C<br>MAX<br>DIM |
|-----------|------------|--------|-----------------------|-------|-----------------------------|-----------------|-----------------|
|           | SER I      | SER II | SMALL                 | LARGE |                             |                 |                 |
| 08        | 09         | 8      | 04                    | —     | .438-28 UNEF                | .61<br>[15.49]  | .65<br>[16.6]   |
| 10        | 11         | 10     | 04                    | 06    | .562-24 UNEF                | .73<br>[18.54]  | .76<br>[19.20]  |
| 12        | 13         | 12     | 06                    | 08    | .688-24 UNEF                | .85<br>[21.59]  | .83<br>[21.2]   |
| 14        | 15         | 14     | 08                    | 10    | .812-20 UNEF                | 1.01<br>[25.65] | .94<br>[23.90]  |
| 16        | 17         | 16     | 10                    | 12    | .938-20 UNEF                | 1.14<br>[28.95] | .92<br>[23.37]  |
| 18        | 19         | 18     | 10                    | 14    | 1.062-18 UNEF               | 1.28<br>[32.51] | 1.37<br>[34.8]  |
| 20        | 21         | 20     | 12                    | 16    | 1.188-18 UNEF               | 1.40<br>[35.56] | 1.02<br>[25.08] |
| 22        | 23         | 22     | 14                    | 18    | 1.312-18 UNEF               | 1.54<br>[39.11] | 1.13<br>[28.8]  |
| 24        | 25         | 24     | 16                    | 20    | 1.438-18 UNEF               | 1.66<br>[42.16] | 1.15<br>[29.23] |

TABLE II

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

TABLE III

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

Raychem Adapters

CUSTOMER DRAWING

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