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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:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR AND PROVIDE STRAIN RELIEF.
2. 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.
3. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS RING DESIGNATOR (E.G.: 06090-XXXXXXXX-XXXX).
4. 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.
5. INSTALLATION PROCEDURE MIP-103.
6. PERFORMANCE SPECIFICATION MPS-103.
7. 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

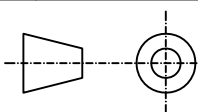
DATE

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

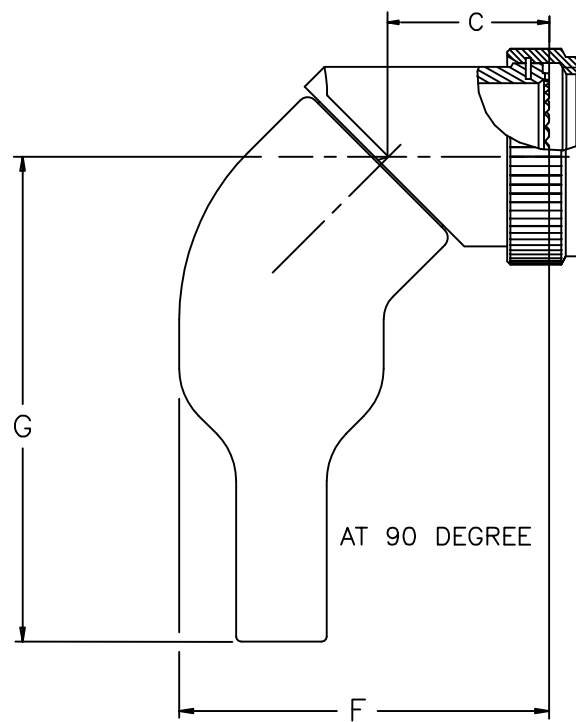
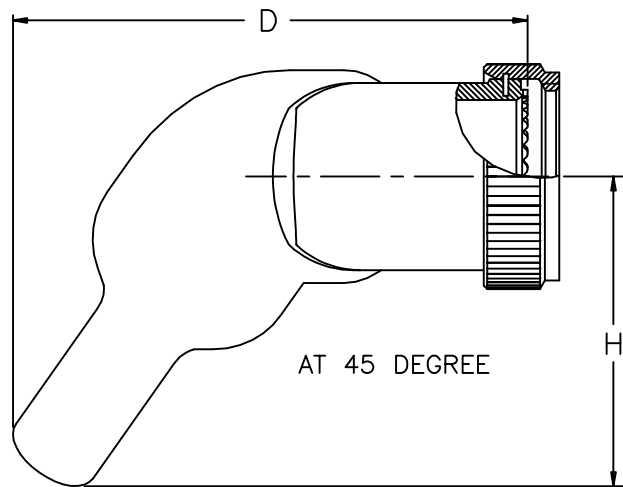
A

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 |

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