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# REVISIONS

LTR

DESCRIPTION

DATE

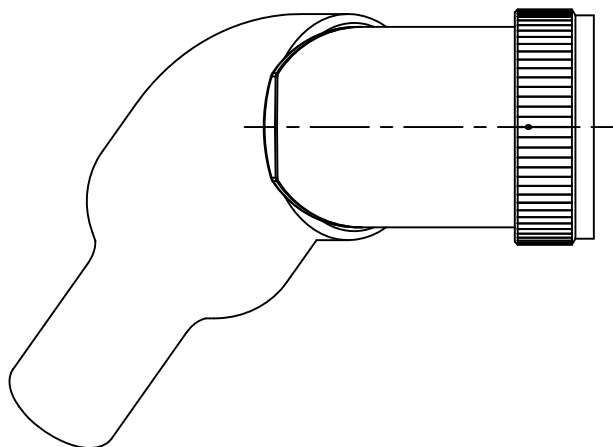
APPROVED

A

RELEASED PER ECO-11-025206

12/16/11

B. WONG



## SPIN-LOCK ADAPTER, SHRINKABLE MOLDED PART, SEALED

### NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD TO A CONNECTOR AND HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.

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-XXXXXXX-XXXXX).

4. ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E AND L.

5. ADAPTER MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W; MS3400 MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, /14, /36, /37, /38, /39, /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, (MS3155 CONTROLLED INTERFACE).

6. INSTALLATION PROCEDURE MIP-103.

7. PERFORMANCE SPECIFICATION MPS-103.

8. FOR ADDITIONAL ORDERING INFORMATION SEE CH00-0250-019.

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Raychem Adapters

CUSTOMER DRAWING

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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
AND TOLERANCES ARE:

.XXX ± —  
.XX ± —  
± —

MATERIAL

SEE NOTES

FINISH

—

DRAWN

D JAIN

DATE

21NOV2011

CHECKED

BERT W

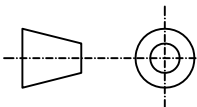
DATE

21NOV2011

APPROVED

DATE

THIRD ANGLE  
PROJECTION



CAD NAME

SLM54\_a.dwg

RPN:

—



TE Connectivity

TITLE

SPIN-LOCK ADAPTER, HEAT SHRINKABLE  
MOLDED PART, SEALED, CODE 54

SIZE

A

CAGE CODE:

06090

DWG. NO.

SLM54

REV

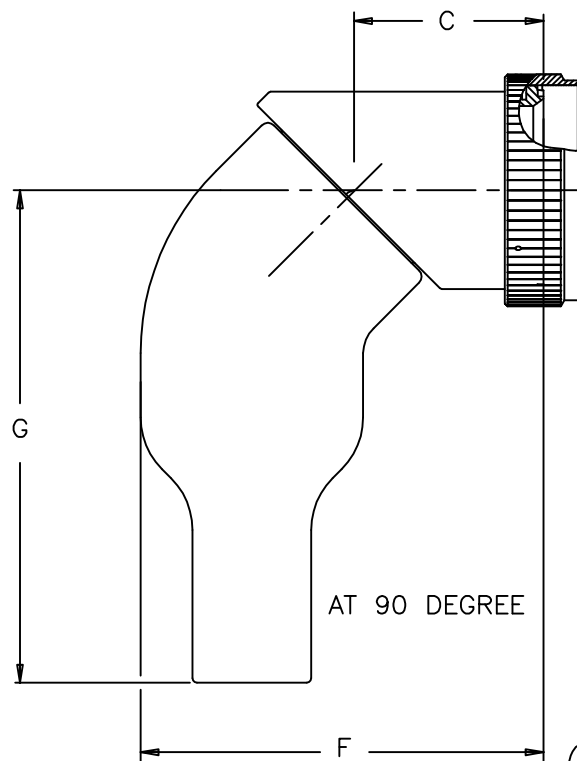
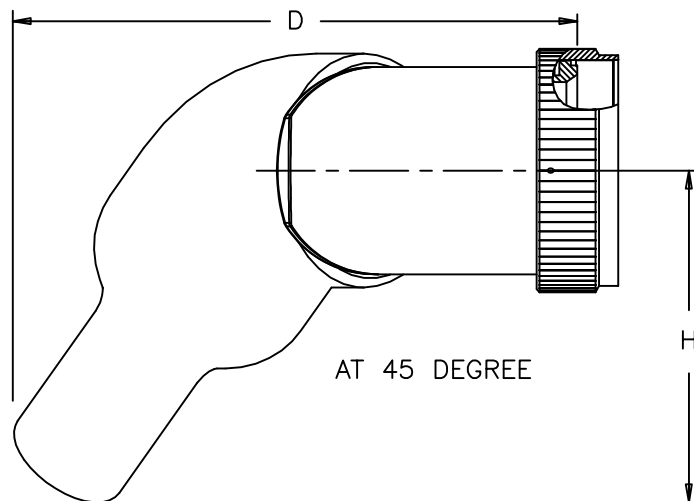
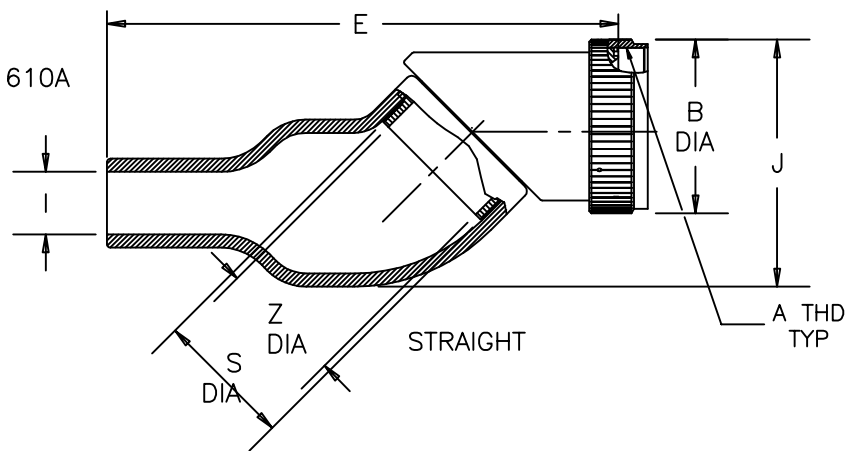
A

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 54AB – 1610A



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| SIZE        | CAGE CODE: | DWG. NO.     | REV |
|-------------|------------|--------------|-----|
| A           | 06090      | SLM54        | 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 | B DIA MAX        | C MAX DIM       |
|-----------|------------|----------------|-----------------------|-------|--------------------|------------------|-----------------|
|           | 4          | 5              | SMALL                 | LARGE |                    |                  |                 |
| 08        |            | 8 & 8S         | 04                    | -     | .500"-20 UNF       | .610<br>[15.49]  | .58<br>[14.73]  |
| 10        |            | 10, 10S & 10SL | 04                    | 06    | .625"-24 UNEF      | .728<br>[18.50]  | .55<br>[13.92]  |
| 12        | 7          | 12 & 12S       | 06                    | 08    | .750"-20 UNEF      | .856<br>[21.75]  | .69<br>[17.53]  |
| 14        | 12         | 14 & 14S       | 08                    | 10    | .875"-20 UNEF      | .964<br>[24.50]  | .89<br>[22.50]  |
| 16        | 19         | 16 & 16S       | 10                    | 12    | 1.000"-20 UNEF     | 1.082<br>[27.49] | .94<br>[23.74]  |
| 18        | 27         | 18             | 10                    | 14    | 1.062"-18 UNEF     | 1.161<br>[29.49] | .74<br>[18.80]  |
| 20        | 37         | 20             | 12                    | 16    | 1.188"-18 UNEF     | 1.338<br>[33.98] | 1.03<br>[26.17] |
| 22        |            | 22             | 14                    | 18    | 1.312"-18 UNEF     | 1.466<br>[37.23] | .97<br>[26.64]  |
| 24        |            | 24             | 16                    | 20    | 1.438"-18 UNEF     | 1.592<br>[40.43] | 1.37<br>[34.85] |

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        | 1.9<br>[48.26]  | 2.42<br>[61.45] | 1.42<br>[36.1]  | 1.84<br>[46.74] | 1.05<br>[26.67] | 1.05<br>[26.67] | 1.15<br>[29.21] |
| 10        | 2.13<br>[54.11] | 2.86<br>[72.65] | 1.51<br>[38.34] | 2.32<br>[58.92] | 1.38<br>[35.01] | 1.10<br>[27.9]  | 1.34<br>[34.1]  |
| 12        | 2.26<br>[57.41] | 2.98<br>[75.7]  | 1.64<br>[41.65] | 2.33<br>[59.18] | 1.38<br>[35.01] | 1.20<br>[30.5]  | 1.41<br>[35.81] |
| 14        | 2.68<br>[68.1]  | 3.45<br>[87.63] | 2.0<br>[50.8]   | 2.55<br>[64.77] | 1.53<br>[38.87] | 1.15<br>[29.21] | 1.59<br>[40.38] |
| 16        | 2.69<br>[68.33] | 3.49<br>[88.65] | 2.05<br>[52.07] | 2.55<br>[64.77] | 1.53<br>[38.87] | 1.20<br>[30.5]  | 1.65<br>[41.91] |
| 18        | 2.71<br>[68.8]  | 3.61<br>[91.7]  | 1.96<br>[49.79] | 2.89<br>[73.41] | 1.78<br>[45.22] | 1.15<br>[29.21] | 1.85<br>[46.9]  |
| 20        | 3.01<br>[76.46] | 3.92<br>[99.5]  | 2.27<br>[57.65] | 2.89<br>[73.41] | 1.81<br>[45.9]  | 1.20<br>[30.5]  | 1.92<br>[48.7]  |
| 22        | 3.18<br>[80.77] | 4.33<br>[109.9] | 2.42<br>[61.46] | 3.36<br>[85.35] | 2.21<br>[56.14] | 1.20<br>[30.5]  | 2.19<br>[55.62] |
| 24        | 3.67<br>[93.2]  | 4.65<br>[118.1] | 2.76<br>[70.11] | 3.36<br>[85.35] | 2.16<br>[54.86] | 1.20<br>[30.5]  | 2.25<br>[57.22] |

TABLE III

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

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