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# REVISIONS

LTR

DESCRIPTION

DATE

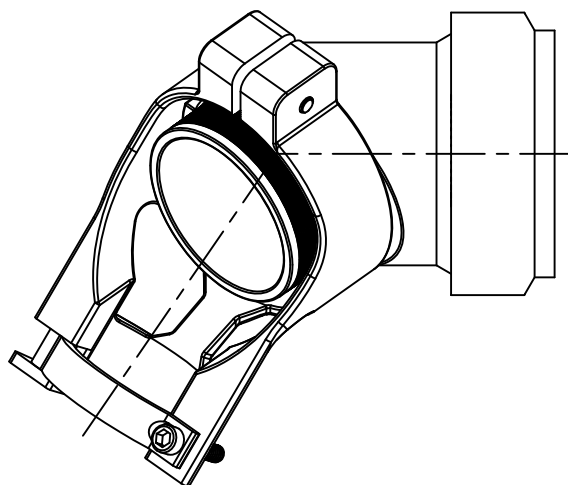
APPROVED

A

INITIAL PER ECO-11-022898

11/14/11

B. WONG



SPIN-LOCK ADAPTER, SADDLE CLAMP

## NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD 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-XXXXXXX-XXXXX).
4. ADAPTER MATES TO MIL-C-38999, SERIES III & IV, CLASS C, F, K, & W; D38999 /20, /24, /26, /40, /46, /47 CONNECTORS, WHEN SO MATED SHALL PROVIDE WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PAR. 3.5.7.
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

8AUG2011

CHECKED

BERT W

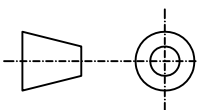
DATE

8AUG2011

APPROVED

DATE

THIRD ANGLE  
PROJECTION



CAD NAME

SLC40\_a.dwg

RPN:

—



TE Connectivity

TITLE

SPIN-LOCK ADAPTER  
SADDLE CLAMP, CODE 40

SIZE

A

CAGE CODE:

06090

DWG. NO.

SLC40

REV

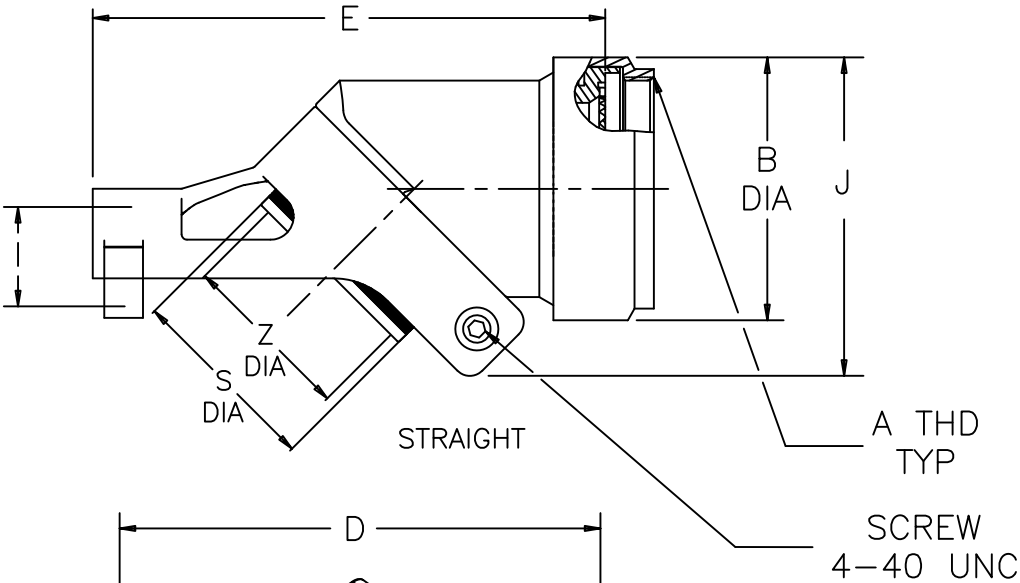
A

SCALE: NONE

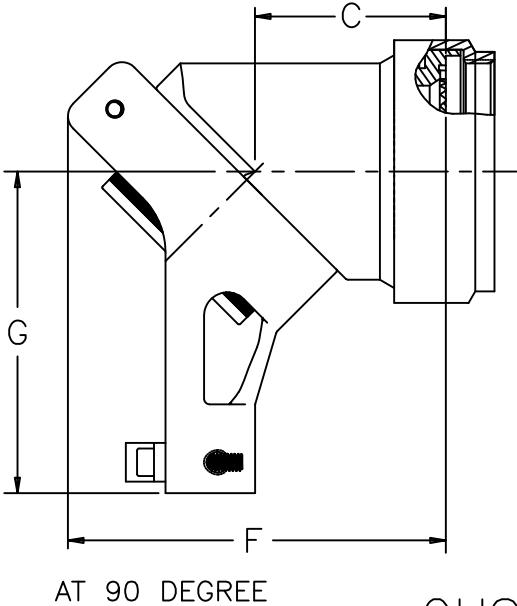
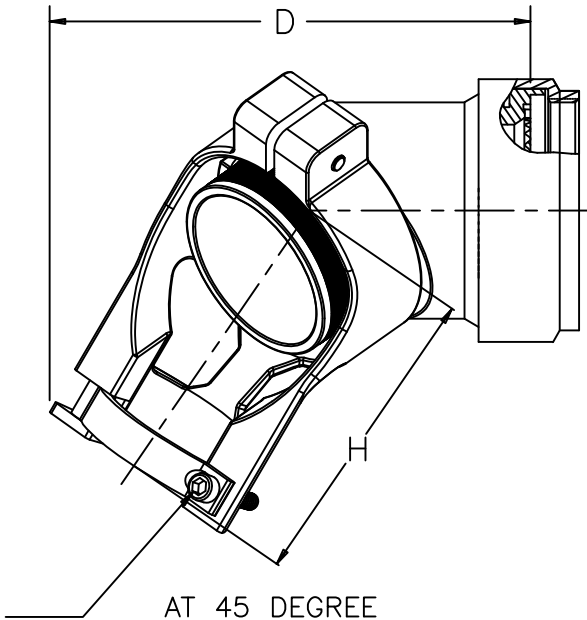
SHEET 1 OF 3

| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| LTR       | DESCRIPTION                       | DATE     | APPROVED |
| A         | INITIAL RELEASE PER ECO-11-022898 | 11/14/11 | B. WONG  |

e.g. SLC40AB-1610A



CLAMP SCREW  
SEE TABLE ON SHEET 3  
FOR DETAILS



Raychem Adapters  
CUSTOMER DRAWING

|             |                     |                   |          |
|-------------|---------------------|-------------------|----------|
| SIZE<br>A   | CAGE CODE:<br>06090 | DWG. NO.<br>SLC40 | REV<br>A |
| SCALE: NONE |                     | SHEET 2 OF 3      |          |

| REVISIONS |                                   |          |          |
|-----------|-----------------------------------|----------|----------|
| LTR       | DESCRIPTION                       | DATE     | APPROVED |
| A         | INITIAL RELEASE PER ECO-11-022898 | 11/14/11 | B. WONG  |

TABLE I

| ORDER NO. | SHELL SIZE<br> |     | AVAILABLE ENTRY SIZES<br>(SEE TABLE III) |       | A<br>METRIC THD<br>CLASS 6H | B<br>DIA<br>MAX            | C<br>MAX<br>DIM            |
|-----------|-------------------------------------------------------------------------------------------------|-----|------------------------------------------|-------|-----------------------------|----------------------------|----------------------------|
|           | COM'L                                                                                           | MIL | SMALL                                    | LARGE |                             |                            |                            |
| 08        | 09                                                                                              | A   | 04                                       | —     | M12 x 1.0                   | <sup>.67</sup><br>[17.02]  | <sup>.68</sup><br>[17.27]  |
| 10        | 11                                                                                              | B   | 04                                       | 06    | M15 x 1.0                   | <sup>.81</sup><br>[20.57]  | <sup>.76</sup><br>[19.30]  |
| 12        | 13                                                                                              | C   | 06                                       | 08    | M18 x 1.0                   | <sup>.96</sup><br>[24.38]  | <sup>.85</sup><br>[21.59]  |
| 14        | 15                                                                                              | D   | 08                                       | 10    | M22 x 1.0                   | <sup>1.14</sup><br>[28.96] | <sup>.95</sup><br>[24.13]  |
| 16        | 17                                                                                              | E   | 10                                       | 12    | M25 x 1.0                   | <sup>1.25</sup><br>[31.75] | <sup>1.03</sup><br>[26.16] |
| 18        | 19                                                                                              | F   | 10                                       | 14    | M28 x 1.0                   | <sup>1.40</sup><br>[35.56] | <sup>1.15</sup><br>[29.21] |
| 20        | 21                                                                                              | G   | 12                                       | 16    | M31 x 1.0                   | <sup>1.48</sup><br>[37.59] | <sup>1.19</sup><br>[30.23] |
| 22        | 23                                                                                              | H   | 14                                       | 18    | M34 x 1.0                   | <sup>1.61</sup><br>[40.89] | <sup>1.28</sup><br>[32.51] |
| 24        | 25                                                                                              | J   | 16                                       | 20    | M37 x 1.0                   | <sup>1.75</sup><br>[44.45] | <sup>1.36</sup><br>[34.54] |

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            | CLAMP<br>SCREW |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------|
| 08        | <sup>1.81</sup><br>[45.97] | <sup>1.80</sup><br>[45.72] | <sup>1.27</sup><br>[32.26] | <sup>1.12</sup><br>[28.45] | <sup>1.16</sup><br>[29.46] | <sup>.234</sup><br>[5.94]  | <sup>.97</sup><br>[24.64]  | 1-64 UNC       |
| 10        | <sup>1.89</sup><br>[48.01] | <sup>2.00</sup><br>[50.80] | <sup>1.35</sup><br>[34.29] | <sup>1.24</sup><br>[31.50] | <sup>1.16</sup><br>[29.46] | <sup>.234</sup><br>[5.94]  | <sup>1.09</sup><br>[27.69] | 1-64 UNC       |
| 12        | <sup>1.99</sup><br>[50.55] | <sup>2.15</sup><br>[54.61] | <sup>1.45</sup><br>[36.83] | <sup>1.30</sup><br>[33.02] | <sup>1.16</sup><br>[29.46] | <sup>.328</sup><br>[8.33]  | <sup>1.17</sup><br>[29.72] | 1-64 UNC       |
| 14        | <sup>2.09</sup><br>[53.09] | <sup>2.32</sup><br>[58.93] | <sup>1.51</sup><br>[38.35] | <sup>1.37</sup><br>[34.80] | <sup>1.16</sup><br>[29.46] | <sup>.457</sup><br>[11.61] | <sup>1.37</sup><br>[34.80] | 5-40 UNC       |
| 16        | <sup>2.19</sup><br>[55.63] | <sup>2.49</sup><br>[63.25] | <sup>1.60</sup><br>[40.64] | <sup>1.46</sup><br>[37.08] | <sup>1.16</sup><br>[29.46] | <sup>.614</sup><br>[15.60] | <sup>1.50</sup><br>[38.10] | 5-40 UNC       |
| 18        | <sup>2.28</sup><br>[57.91] | <sup>2.79</sup><br>[70.87] | <sup>1.67</sup><br>[42.42] | <sup>1.64</sup><br>[41.66] | <sup>1.16</sup><br>[29.46] | <sup>.634</sup><br>[16.10] | <sup>1.65</sup><br>[41.91] | 5-40 UNC       |
| 20        | <sup>2.34</sup><br>[59.44] | <sup>2.86</sup><br>[72.64] | <sup>1.73</sup><br>[43.94] | <sup>1.67</sup><br>[42.42] | <sup>1.17</sup><br>[29.72] | <sup>.698</sup><br>[17.73] | <sup>1.79</sup><br>[45.47] | 5-40 UNC       |
| 22        | <sup>2.45</sup><br>[62.23] | <sup>3.23</sup><br>[82.04] | <sup>1.81</sup><br>[45.97] | <sup>1.95</sup><br>[49.53] | <sup>1.15</sup><br>[29.21] | <sup>.823</sup><br>[20.90] | <sup>1.89</sup><br>[48.01] | 5-40 UNC       |
| 24        | <sup>2.40</sup><br>[60.96] | <sup>3.31</sup><br>[84.07] | <sup>1.75</sup><br>[44.45] | <sup>1.95</sup><br>[49.53] | <sup>1.12</sup><br>[28.45] | <sup>.853</sup><br>[21.67] | <sup>1.99</sup><br>[50.55] | 5-40 UNC       |

TABLE III

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

Raychem Adapters

CUSTOMER DRAWING

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| SIZE         | CAGE CODE: | DWG. NO. | REV |
|--------------|------------|----------|-----|
| A            | 06090      | SLC40    | A   |
| SHEET 3 OF 3 |            |          |     |