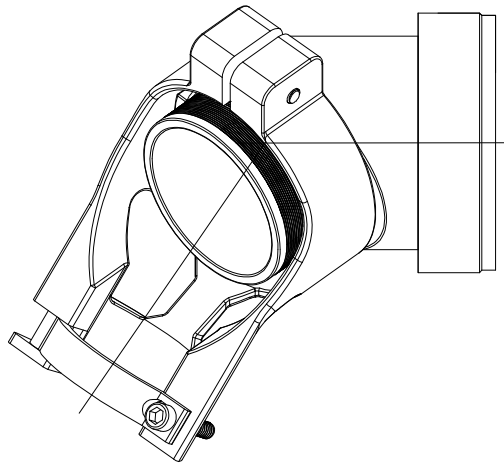


## REVISIONS

| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
|   | C   | REVISED PER ECO-19-018565 | 09DEC2019 | JM  | AS   |



SPIN-LOCK ADAPTER,SADDLE CLAMP

## NOTES:

- THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD 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-XXXXXXX-XXXXX).
- ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E AND L.
- 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).
- INSTALLATION PROCEDURE MIP-103.
- PERFORMANCE SPECIFICATION MPS-103.
- FOR ADDITIONAL ORDERING INFORMATION SEE CH00-0250-019.

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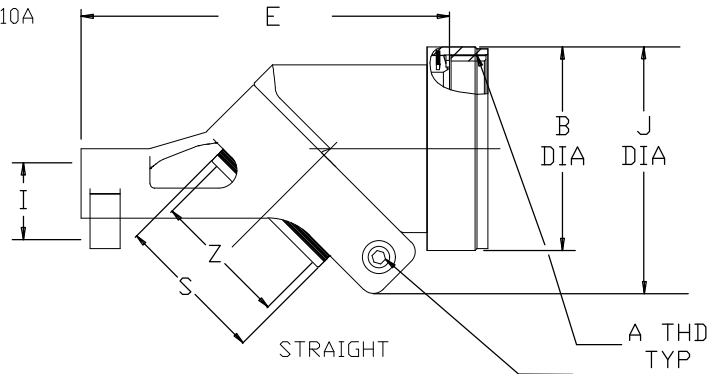
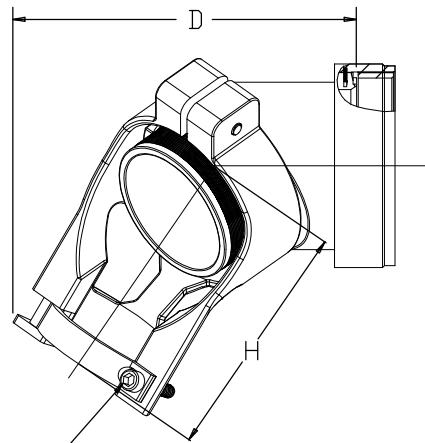
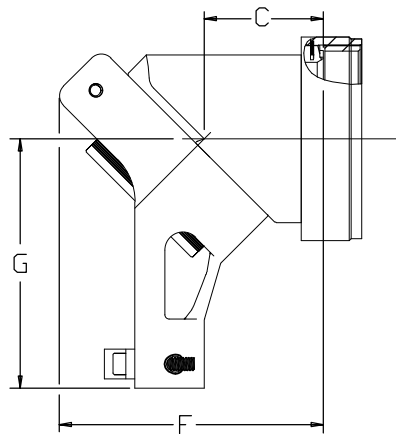
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|                                                                                                                           |  |                                |                                                                                                      |                                      |                       |                    |  |
|---------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------|--------------------|--|
| DIMENSIONS:<br>mm                                                                                                         |  | DWN<br>C.C.THOMAS<br>18JUN2019 | MATERIAL<br>-                                                                                        |                                      | FINISH<br>-           |                    |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |  | CHK<br>O.CANO<br>6-18-19       |  TE Connectivity |                                      |                       |                    |  |
|                                                                                                                           |  | APVD<br>O.CANO<br>6-18-19      |                                                                                                      |                                      |                       |                    |  |
|                                                                                                                           |  | PRODUCT SPEC<br>-              |                                                                                                      | NAME<br>SPIN LOCK ADAPTER<br>CODE 54 |                       |                    |  |
|                                                                                                                           |  | APPLICATION SPEC<br>-          |                                                                                                      |                                      |                       |                    |  |
|                                                                                                                           |  | WEIGHT<br>0                    | SIZE<br>A4                                                                                           | CAGE CODE<br>06090                   | DRAWING NO<br>C-SLC54 | RESTRICTED TO<br>- |  |
| CUSTOMER DRAWING                                                                                                          |  |                                | SCALE<br>NTS                                                                                         | SHEET<br>1 OF 3                      | REV<br>C              |                    |  |

## REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| — | —   | SEE SHEET 1 | —    | —   | —    |

e.g SLC 54AB - 1610A

SCREW  
4-40 UNCCLAMP SCREW  
SEE TABLE ON SHEET 3  
FOR DETAILS

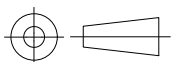
AT 90 DEGREE

## DIMENSIONS:

mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |     |
|--------|-----|
| 0 PLC  | ± - |
| 1 PLC  | ± - |
| 2 PLC  | ± - |
| 3 PLC  | ± - |
| 4 PLC  | ± - |
| ANGLES | ± - |



|                  |            |           |
|------------------|------------|-----------|
| DWN              | C.C.THOMAS | 18JUN2019 |
| CHK              | O.CANO     | 6-18-19   |
| APVD             | O.CANO     | 6-18-19   |
| PRODUCT SPEC     | —          |           |
| APPLICATION SPEC | —          |           |
| WEIGHT           | 0          |           |

## MATERIAL

—

## FINISH

—



TE Connectivity

## NAME

SPIN LOCK ADAPTER  
CODE 54

## SIZE

A4

## CAGE CODE

06090

## DRAWING NO

C- SLC54

## RESTRICTED TO

—

CUSTOMER DRAWING

## SCALE

NTS

## SHEET

2 OF 3

## REV

C

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## REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | —   | SEE SHEET 1 | —    | —   | —    |

TABLE I

| ORDER NO. | SHELL SIZE |                   | AVAILABLE ENTRY SIZES |       | A<br>METRIC<br>CLASS THD 6H | B<br>DIA<br>MAX | C<br>MAX<br>DIM | D<br>MAX<br>DIM | E<br>MAX<br>DIM | F<br>MAX<br>DIM | CLAMP<br>SCREW |
|-----------|------------|-------------------|-----------------------|-------|-----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
|           | 4          | 5                 | SMALL                 | LARGE |                             |                 |                 |                 |                 |                 |                |
| 08        |            | 8 & 8S            | 04                    | —     | .500*-20 UNF                | .610            | .61<br>[15.49]  | 1.61<br>[40.89] | 1.73<br>[43.94] | 1.23<br>[31.24] | 1-64 UNC       |
| 10        |            | 10, 10S<br>& 10SL | 04                    | 06    | .625*-24 UNEF               | .728            | .55<br>[13.97]  | 1.62<br>[41.14] | 1.79<br>[45.46] | 1.24<br>[31.49] | 1-64 UNC       |
| 12        | 7          | 12 & 12S          | 06                    | 08    | .750*-20 UNEF               | .856            | .73<br>[18.54]  | 1.80<br>[45.72] | 2.03<br>[51.46] | 1.42<br>[36.06] | 1-64 UNC       |
| 14        | 12         | 14 & 14S          | 08                    | 10    | .875*-20 UNEF               | .964            | .97<br>[24.63]  | 2.10<br>[53.34] | 2.34<br>[59.43] | 1.77<br>[44.95] | 5-40 UNC       |
| 16        | 19         | 16 & 16S          | 10                    | 12    | 1.000*-20 UNEF              | 1.082           | 1.04<br>[26.41] | 2.20<br>[55.88] | 2.50<br>[63.5]  | 1.92<br>[48.76] | 5-40 UNC       |
| 18        | 27         | 18                | 10                    | 14    | 1.062*-18 UNEF              | 1.161           | .85<br>[21.59]  | 2.30<br>[58.42] | 2.49<br>[63.24] | 1.80<br>[45.72] | 5-40 UNC       |
| 20        | 37         | 20                | 12                    | 16    | 1.188*-18 UNEF              | 1.338           | 1.16<br>[29.46] | 2.50<br>[63.5]  | 2.83<br>[71.88] | 2.16<br>[54.86] | 5-40 UNC       |
| 22        |            | 22                | 14                    | 18    | 1.312*-18 UNEF              | 1.466           | 1.14<br>[28.95] | 2.60<br>[66.04] | 3.09<br>[78.48] | 2.19<br>[55.62] | 5-40 UNC       |
| 24        |            | 24                | 16                    | 20    | 1.438*-18 UNEF              | 1.592           | 1.13<br>[28.70] | 2.80<br>[71.12] | 3.08<br>[78.23] | 2.23<br>[56.64] | 5-40 UNC       |

TABLE II

| ORDER NO. | G<br>MAX<br>DIM | H<br>MAX<br>DIM | I<br>MAX<br>DIM | J<br>MAX<br>DIM  |
|-----------|-----------------|-----------------|-----------------|------------------|
| 08        | 1.12<br>[28.44] | 1.05<br>[26.67] | .34<br>[8.63]   | 0.929<br>[23.59] |
| 10        | 1.24<br>[31.49] | 1.10<br>[27.94] | .32<br>[8.12]   | 0.992<br>[25.19] |
| 12        | 1.30<br>[33.02] | 1.20<br>[30.48] | .38<br>[9.65]   | 1.108<br>[28.14] |
| 14        | 1.37<br>[34.79] | 1.15<br>[29.21] | .48<br>[12.19]  | 1.274<br>[32.35] |
| 16        | 1.46<br>[37.08] | 1.20<br>[30.48] | .56<br>[14.22]  | 1.505<br>[38.22] |
| 18        | 1.64<br>[41.65] | 1.15<br>[29.21] | .50<br>[12.7]   | 1.622<br>[41.19] |
| 20        | 1.67<br>[42.41] | 1.20<br>[30.48] | .59<br>[14.98]  | 1.671<br>[42.44] |
| 22        | 1.95<br>[49.53] | 1.20<br>[30.48] | .59<br>[14.98]  | 1.810<br>[45.97] |
| 24        | 1.95<br>[49.53] | 1.20<br>[30.48] | .64<br>[16.25]  | 1.905<br>[48.38] |

TABLE III

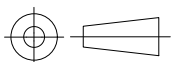
| MAX<br>ENTRY<br>SIZE<br>TYPE I | S<br>DIA                       | Z<br>+.010<br>-.020 |
|--------------------------------|--------------------------------|---------------------|
| 04                             | .376 [9.55]<br>.370 [9.40]     | .250<br>[6.35]      |
| 06                          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

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|------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------|--|--|
| DIMENSIONS:<br>mm                                                                                                            |  | DWN<br>C.C.THOMAS<br>18JUN2019 | MATERIAL<br>—                                                                                        |                                      | FINISH<br>—        |  |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± — |  | CHK<br>O.CANO<br>6-18-19       |  TE Connectivity |                                      |                    |  |  |
|                                                                                                                              |  | APVD<br>O.CANO<br>6-18-19      |                                                                                                      |                                      |                    |  |  |
|                                                                                                                              |  | PRODUCT SPEC<br>—              |                                                                                                      | NAME<br>SPIN LOCK ADAPTER<br>CODE 54 |                    |  |  |
|                                                                                                                              |  | APPLICATION SPEC<br>—          |                                                                                                      |                                      |                    |  |  |
| WEIGHT<br>0                                                                                                                  |  | SIZE<br>A4                     | CAGE CODE<br>06090                                                                                   | DRAWING NO<br>C- SLC54               | RESTRICTED TO<br>— |  |  |
| CUSTOMER DRAWING                                                                                                             |  |                                | SCALE<br>NTS                                                                                         | SHEET<br>3 OF 3                      | REV<br>C           |  |  |



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