





| REVISION |                           |          |          |
|----------|---------------------------|----------|----------|
| LTR      | DESCRIPTION               | DATE     | APPROVED |
| P1       | REVISED PER ECO-14-016543 | 10/31/14 | I. MYONG |
| R        | REVISED PER ECO-15-008666 | 06/09/15 | I. MYONG |
| S        | REVISED PER RTS 1281814   | 1/04/17  | E.HALEY  |



| FINISH DES. | DESCRIPTION  |  COLOR |
|-------------|--|---|
| B           | CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3 OVER APPROPRIATE UNDER PLATE PER SAE AS85049 (500 HOUR SALT SPRAY)  | OLIVE DRAB  |
| C           | ALUMINUM ALLOYS:<br>ELECTROLESS NICKEL PER SAE AMS-C-26074, CLASS 3 OR CLASS 4, GRADE B<br><br>STEEL AND OTHER BASE METALS HEAT TREATABLE TO IMPROVE HARDNESS:<br>ELECTROLESS NICKEL PER SAE AMS-C-26074, CLASS 1, GRADE B | BRIGHT  |
| D           | ELECTROLESS NICKEL PER SAE AMS-C-26074, CLASS 3 OR 4, .001 THICK NOMINAL   | BRIGHT  |
| E           | ANODIZED, HARD, PER MIL-A-8625, TYPE III, CLASS 1  | GRAY  |
| F           | ANODIZED, PER MIL-A-8625, TYPE II, CLASS 1   | GRAY  |
| G           | ANODIZED, HARD, PER MIL-A-8625, TYPE III, CLASS 2  | BLACK   |
| H           | SPECIAL CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3   | GOLD  |
| J           | PASSIVATED PER SAE AMS-QQ-P-35 OR MIL-S-5002   | --  |
| K           | ANODIZED, PER MIL-A-8625, TYPE II, CLASS 2   | BLACK   |
| L           | ALODINE 1200   | -   |
| N           | SPECIAL CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3 OVER APPROPRIATE UNDER PLATE PER SAE AS85049 (500 HOUR SALT SPRAY)  | BRIGHT  |
| P           | CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3, SELECTIVELY PLATED OVER ELECTROLESS NICKEL .001 THICK, NOMINAL   | OLIVE DRAB  |
| Q           | ZINC COBALT, CONTACT TYCO ELECTRONICS  | OLIVE DRAB  |
| R           | CADMIUM PER SAE-AMS-QQ-P-416, TYPE II, CLASS 3, OVER APPROPRIATE UNDERPLATE PER SAE-AS85049 (500 HOUR SALT SPRAY) FOR USE WITH RAYATEN ONLY. CONTACT TYCO ELECTRONICS  | OLIVE DRAB  |


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
Raychem Adapters  
PRODUCT SPECIFICATION

|   |                                     |   |             |  |   |  |                  |
|---|-------------------------------------|---|-------------|--|---|--|------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.  |                                     |  TE Connectivity |             |  |   |  |                  |
| DECIMALS: XXX ± .005<br>XX ± .01<br>X ± .1  | ANGLES: ± 1°<br>ROUGHNESS IN MICRON |   |             | TITLE:<br><b>ADAPTER FINISH SPECIFICATIONS</b> |   |  |                  |
| TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. |                                     | DRAWING NO:<br><b>S-CH00-0157-002</b>   |             |  |   |  |                  |
| DRAWN:<br>T. NGUYEN   | CAD FILE:<br>S-CH00-0157-002_CD.dwg | CAGE CODE:<br>06090   | RPN:<br>N/A | SIZE:<br>A                                     | SCALE:<br> | THIRD ANGLE PROJ.<br> | SHEET:<br>1 OF 4 |

| FINISH DES. | DESCRIPTION   |  COLOR |
|-------------|---|--|
| T           | TIN PLATE PER ASTM B545 OVER ELECTROLESS NICKEL   | BRIGHT   |
| U           | ZINC COBALT OVER ELECTROLESS NICKEL   | OLIVE DRAB   |
| V           | ELECTRO DEPOSITED NICKEL PER SAE AMS-QQ-N-290, CLASS 1, GRADE E                                     | BRIGHT   |
| W           | UNPLATED, SHOTBLAST - GLASS BEAD  | --   |
| X           | Ni PTFE PER SAE AS85049   | --   |
| Z           | ZnNi PER ASTM B841 OVER SUITABLE UNDERPLATE & CHROMATE CHEMICAL CONVERSION.                         | BLACK  |
| 3           | ELECTROLESS NICKEL ON COMPOSITE MATERIAL  | BRIGHT   |
| 4           | CADMIUM OVER SUITABLE UNDER-PLATING ON COMPOSITE MATERIAL   | OLIVE DRAB   |
| 5           | ZnNi PER ASTM B841 OVER SUITABLE UNDERPLATE & CHROMATE CHEMICAL CONVERSION, Cr ( VI ) FREE.         | BLACK  |
| 6           | ZINC COBALT OVER ELECTROLESS NICKEL.  | BLACK  |
| /           | AS MACHINED, NO PLATING   | --   |
| #           | SPECIFICATIONS DEFINING MATERIAL AND FINISHES<br>SPECIAL FINISH - REFER TO CONTROLLING DOCUMENT FOR | --   |

| OBSOLETE PLATING CODE  | DESCRIPTION   |  COLOR | REPLACE WITH CODE |
|---|---|---|-------------------|
| A   | CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3  | OLIVE DRAB  | B                 |
| M   | CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3  | BRIGHT  | N                 |
| S   | SPECIAL CADMIUM PER SAE AMS-QQ-P-416, TYPE II, CLASS 3 OVER ELECTROLESS NICKEL .0005 MIN. THICKNESS | OLIVE DRAB  | B                 |
| Y   | SPECIAL ZINC COBALT OVER ELECTROLESS NICKEL TO ASTM B-733, SC2, TYPE I, CLASS 1.                    | OLIVE DRAB  | U                 |




 CUSTOMERS ORDERING "OBSOLETE PLATING CODE" WILL RECEIVE PARTS PLATED WITH "REPLACE WITH CODE".  
UNLESS OTHERWISE SPECIFIED, PARTS WILL BE MARKED AS SPECIFIED ON PURCHASE ORDER.

 COLORS LISTED ARE FOR REFERENCE COLOR APPEARANCE ONLY. COLOR VARIATION FROM DIFFERENCE BATCHES OR COMPONENTS IS A PART OF THE NORMAL PLATING PROCESS AND SHALL NOT BE A CAUSE FOR REJECTION. (E.G., COLOR BLACK MAY VARY FROM GREENISH BLACK TO BLACK, OLIVE DRAB MAY VARY FROM TANISH GREEN TO DARK GREEN, ETC.)

3. SEE INDIVIDUAL PART NUMBERS FOR COMPLIANCE (E.G., RoHS, REACH, ETC.)

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Raychem Adapters  
PRODUCT SPECIFICATION


|   |                     |                                       |  |   |
|---|---------------------|---------------------------------------|--|---|
|  TE Connectivity |                     | DRAWING NO:<br><b>S-CH00-0157-002</b> |  | REV.<br><b>S</b>  |
| CAD FILE:<br>S-CH00-0157-002.dwg  | CAGE CODE:<br>06090 | RPN:<br>N/A                           | SIZE:<br>A   | SCALE:<br> |
|   |                     |                                       | THIRD ANGLE PROJ.<br> | SHEET:<br>2 OF 4  |

| THIS IS A CROSS REFERENCE OF CURRENT LETTER FINISH CODES AND HISTORIC NUMBER CODES. A DESCRIPTION OF THE FINISH IS ALSO GIVEN. | CAD, OLIVE DRAB | CAD OVER ELECTROLESS NICKEL 500 HR SALT SPRAY | ELECTROLESS NICKEL | HARD ANODIZED, GRAY | SULFURIC ANODIZED, GRAY | HARD ANODIZED, BLACK | CAD, GOLD | PASSIVISED | SULFURIC ANODIZED, BLACK | ALODINE 1200 | CAD, SILVER |
|--|-----------------|---|--------------------|---------------------|-------------------------|----------------------|-----------|------------|--------------------------|--------------|-------------|
|  | A               | B   | C                  | E                   | F                       | G                    | H         | J          | K                        | L            | M           |
| 201M1XX  | 01*             | 10  | 03*                |                     |                         | 05*                  |           |            |                          |              |             |
|  | 02              | 11*   | 04                 |                     |                         | 06                   |           |            |                          |              |             |
| 201M4XX  | 02              | 10  | 03*<br>04          |                     |                         |                      |           |            |                          |              |             |
| 201M7XX/8XX  | 02              | 10  | 03                 |                     |                         |                      |           |            |                          |              |             |
| 201M9XX  | 01              | 10  | 03                 |                     |                         | 02                   |           |            |                          |              |             |
| 202M1XX  | 02              | 10  | 03                 |                     |                         |                      | 01        |            |                          |              |             |
| 202M2XX  | 02              | 10  | 05                 |                     |                         |                      | 01        |            |                          |              |             |
|  | 04*             | 11  | 06*                |                     |                         |                      | 03*       |            |                          |              |             |
| 202M3XX  | 01              | 10  | 02                 |                     |                         |                      | 03        |            |                          |              |             |
| 202M4XX  | 01              | 10  | 02                 |                     |                         |                      | 05        |            |                          |              |             |
|  | 03*             | 11*   | 04*                |                     |                         |                      | 06*       |            |                          |              |             |
| 202M5XX  | 01*             | 10  | 03*                |                     |                         |                      |           |            |                          |              |             |
|  | 02              | 11*   | 04                 |                     |                         |                      |           |            |                          |              |             |
| 202M6XX  | 01*             | 10  | 03*                |                     |                         |                      |           | 05         |                          |              |             |
|  | 02              | 11*   | 04                 |                     |                         |                      |           | 00         |                          |              |             |
| 202M8XX  | 01              |   |                    |                     |                         |                      |           |            |                          |              |             |
| 203M0XX  |                 | 10  |                    |                     |                         |                      |           |            |                          |              |             |
|  | 01              | 06  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 203M1XX  |                 | 10  |                    |                     |                         |                      |           |            |                          |              |             |
|  | 01              | 03  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 203M2XX  |                 | 03  |                    |                     |                         |                      |           |            |                          |              |             |
|  | 01              | 10  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 203M3XX  | 01*             | 10  |                    |                     |                         |                      |           |            |                          |              |             |
|  | 02              | 11*   |                    |                     |                         |                      |           |            |                          |              |             |
| 203M4XX  | 01              | 10  | 02                 |                     |                         |                      |           | 03         |                          |              |             |
| 203M5XX  | 02              | 10  | 04                 |                     |                         |                      |           | 03         |                          | 01           |             |
| 203M6XX  | 01              | 10  |                    |                     |                         |                      |           | 02         |                          |              |             |
| 203M7XX  | 01              | 10  | 02                 |                     |                         |                      |           | 03         |                          |              |             |
| 203M8XX  | 01              | 10  | 02                 |                     |                         |                      |           | 03         |                          |              |             |
| 203M9XX  | 01              | 10  |                    |                     |                         |                      |           |            |                          |              |             |
|  | 02*             | 11*   |                    |                     |                         |                      |           |            |                          |              |             |

\* DRAIN HOLE OPTION

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Raychem Adapters  
PRODUCT SPECIFICATION


|   |             |            |                 |       |            |                   |
|---|-------------|------------|-----------------|-------|------------|-------------------|
|  TE Connectivity | DRAWING NO: |            | S-CH00-0157-002 |       | REV.       | S                 |
|   | CAD FILE:   | CAGE CODE: | RPN:            | SIZE: | SCALE:     | THIRD ANGLE PROJ. |
| S-CH00-0157-002.dwg   | 06090       | N/A        | A               | 1:1   | ASME Y14.5 | 3 OF 4            |

| THIS IS A CROSS REFERENCE OF CURRENT LETTER FINISH CODES AND HISTORIC NUMBER CODES. A DESCRIPTION OF THE FINISH IS ALSO GIVEN. | CAD, OLIVE DRAB | CAD OVER ELECTROLESS NICKEL 500 HR SALT SPRAY | ELECTROLESS NICKEL | HARD ANODIZED, GRAY | SULFURIC ANODIZED, GRAY | HARD ANODIZED, BLACK | CAD, GOLD | PASSIVISED | SULFURIC ANODIZED, BLACK | ALODINE 1200 | CAD, SILVER |
|--|-----------------|---|--------------------|---------------------|-------------------------|----------------------|-----------|------------|--------------------------|--------------|-------------|
|  | A               | B   | C                  | E                   | F                       | G                    | H         | J          | K                        | L            | M           |
| 204M0XX/1XX/2XX  | 02              | 10  | 03                 |                     |                         |                      | 01        |            |                          |              |             |
| 204M3XX  | 01              |   |                    |                     |                         |                      |           |            | 02                       |              |             |
| 204M6XX  | 01              |   |                    |                     |                         |                      |           |            |                          |              |             |
| 205M0XX/1XX/2XX  | 02              | 10  | 03                 |                     |                         |                      | 01        |            |                          |              |             |
| 205M5XX/6XX  | 03*             | 10  | 01*                |                     |                         |                      |           |            | 05*                      |              |             |
|  | 04              | 11*   | 02                 |                     |                         |                      |           |            | 06                       |              |             |
| 206M0XX/1XX/2XX  | 01              | 10  | 02                 |                     |                         |                      |           | 03         |                          |              |             |
| 206M3XX  | 01              | 10  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 206M4XX  | 01              |   | 02                 |                     |                         |                      |           |            |                          |              |             |
| 207M0X/1XX/2XX   | 01              | 10  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 207M3XX  | 01              |   | 02                 | 03                  |                         |                      |           |            |                          |              |             |
| 207M4XX  | 01              | 10  | 03                 |                     |                         |                      |           |            | 05                       |              |             |
| 208M0XX/1XX/2XX  |                 | 10  | 01                 |                     |                         |                      |           |            |                          |              |             |
| 208M3XX  | 01              |   | 02                 |                     |                         |                      |           | 03         | 04                       |              |             |
| 208M4XX  | 01              | 10  | 02                 |                     |                         |                      |           | 03         |                          |              |             |
| 208M5XX  | 01              | 10  |                    |                     |                         |                      |           |            |                          |              |             |
| 208M7XX/8XX/9XX  | 01              | 03  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 209M0XX/1XX/2XX  | 01              | 10  | 02                 |                     |                         |                      |           |            |                          |              |             |
| 209M3XX  | 01              | 10  | 03                 |                     |                         |                      |           |            |                          | 02           |             |
| 209M4XX  | 01              | 10  | 05                 |                     |                         |                      |           |            |                          | 03           |             |
|  | 02*             | 11*   | 06*                |                     |                         |                      |           |            |                          | 04*          |             |

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PRODUCT SPECIFICATION

|   |             |            |                 |       |            |                   |
|---|-------------|------------|-----------------|-------|------------|-------------------|
|  TE Connectivity | DRAWING NO: |            | S-CH00-0157-002 |       | REV.       | S                 |
|   | CAD FILE:   | CAGE CODE: | RPN:            | SIZE: | SCALE:     | THIRD ANGLE PROJ. |
| S-CH00-0157-002.dwg   | 06090       | N/A        | A               | 1:1   | ASME Y14.5 | 4 OF 4            |