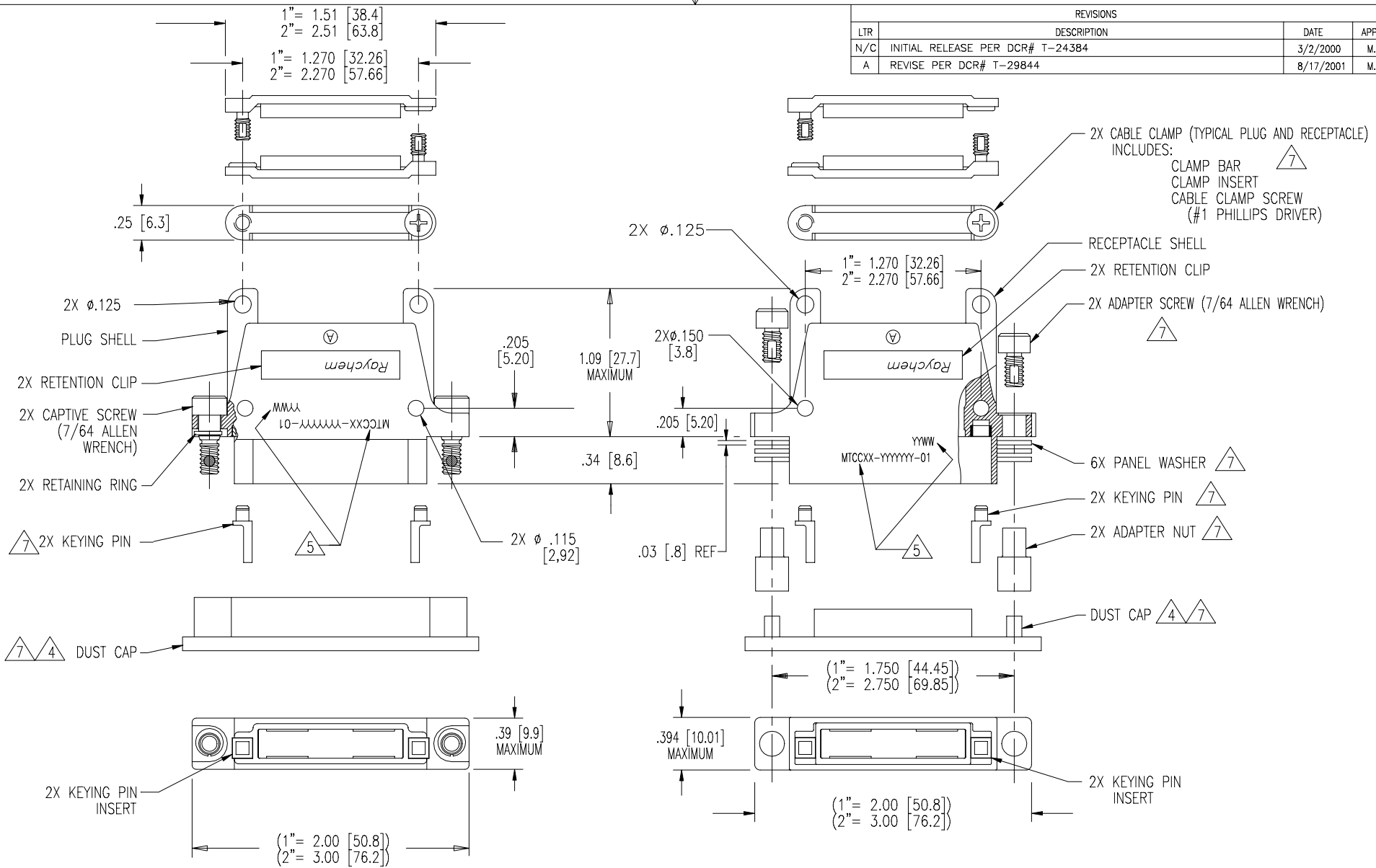


| REVISIONS |                                  |           |          |
|-----------|----------------------------------|-----------|----------|
| LTR       | DESCRIPTION                      | DATE      | APPROVED |
| N/C       | INITIAL RELEASE PER DCR# T-24384 | 3/2/2000  | M.HIGGY  |
| A         | REVISE PER DCR# T-29844          | 8/17/2001 | M.HIGGY  |



### PLUG ASSEMBLY

### RECEPTACLE ASSEMBLY

### SPECIFICATION CONTROL DRAWING

NOTES: SEE SHEET 2.

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Check with the web for latest revision.

|                                                                                                                                                                                                                                             |                                                                                       |               |                           |                                                                                                                                             |                              |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ±.005     { .13 mm }<br>.XX ±.02         { .5 mm }<br><br>ANGLES<br>.X ±<br><br>WEIGHT:<br><div><div>8</div></div> | DRAWN                                                                                 | ZS.ORBAN      | 2/29/2000                 | <b>tyco</b> / <i>Electronics</i> / <i>Raychem</i><br>WIRE AND HARNESSING PRODUCTS<br>307 CONSTITUTION DRIVE<br>MENLO PARK, CALIFORNIA 94025 |                              |              |
|                                                                                                                                                                                                                                             | CHECKED                                                                               |               |                           |                                                                                                                                             |                              |              |
|                                                                                                                                                                                                                                             | APPROVED                                                                              |               |                           | TITLE<br><br>SHELL, PLUG OR RECEPTACLE,<br>SPECIAL MARKING, 1" AND 2" WITH EARS,<br>CADMIUM PLATED                                          |                              |              |
|                                                                                                                                                                                                                                             | APPROVED                                                                              | M.HIGGY       | 3/2/2000                  |                                                                                                                                             |                              |              |
|                                                                                                                                                                                                                                             | CAD NAME                                                                              | T29844a,b,DWG |                           |                                                                                                                                             |                              |              |
| THIRD ANGLE<br>PROJECTION                                                                                                                                                                                                                   |  |               | SIZE<br>C                 | CODE IDENT. NO.<br>06090                                                                                                                    | DWG. NO.<br>MTCCXX-YYYYYY-01 | REV<br>A     |
|                                                                                                                                                                                                                                             |                                                                                       |               | DO NOT SCALE THIS DRAWING |                                                                                                                                             |                              | SHEET 1 OF 2 |

SHEET 1  
MTCCXX-YYYYY-01  
DWG. NO.

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NOTES:

1 PART NUMBER VARIABLES:

MTCCXX-YYYYYY-01

01= WITH CABLE CLAMP

CUSTOMER SPECIFIED PART MARKING  
(ANY LENGTH)

SHELL TYPES:

P= PLUG WITH EARS

R= RECEPTACLE WITH EARS

CONNECTOR WIDTH:

1= 1 INCH

2= 2 INCH

2. MATERIAL:

- |                                       |                                                      |
|---------------------------------------|------------------------------------------------------|
| A) SHELL                              | ALUMINUM ALLOY PER QQ-A-591                          |
| B) RETENTION CLIP                     | COPPER ALLOY 172 PER QQ-C-533                        |
| C) ADAPTER SCREW OR CAP SCREW         | STAINLESS STEEL PER QQ-S-763, 300 SERIES             |
| D) ADAPTER NUT OR<br>RETAINER BUSHING | STAINLESS STEEL PER QQ-S-763, 300 SERIES             |
| E) PANEL OR LOCK WASHER               | STAINLESS STEEL PER QQ-S-763 OR QQ-S-766, 300 SERIES |
| F) KEYING PIN                         | HIGH GRADE POLYARYLENE THERMOPLASTIC, MOLDED         |
| G) KEY PINS INSERT                    | HIGH GRADE POLYARYLENE THERMOPLASTIC, MOLDED         |
| H) CLAMP BAR                          | STAINLESS STEEL PER QQ-S-763, 300 SERIES             |
| J) CLAMP INSERT                       | SILICONE ELASTOMER PER MIL-R-25988                   |
| K) CAPTIVE SCREW                      | STAINLESS STEEL PER QQ-S-763, 300 SERIES             |
| L) RETAINING RING                     | COPPER ALLOY 172 PER QQ-C-533                        |
| M) DUST CUP                           | POLYETHYLENE LOW DENSITY PER L-P-390, COLOR RED.     |

3. FINISH: CADMIUM PLATED CONNECTORS

- |                                       |                                                       |
|---------------------------------------|-------------------------------------------------------|
| A) SHELL                              | CADMIUM PLATED PER QQ-P-416<br>OVER NICKEL UNDERPLATE |
| B) RETENTION CLIP                     | CADMIUM PLATED PER QQ-P-416                           |
| C) ADAPTER OR CAP SCREW               | CADMIUM PLATED PER QQ-P-416                           |
| D) ADAPTER NUT OR<br>RETAINER BUSHING | CADMIUM PLATED PER QQ-P-416                           |
| E) PANEL OR LOCK WASHER               | CADMIUM PLATED PER QQ-P-416                           |
| F) CLAMP BAR                          | CADMIUM PLATED PER QQ-P-416                           |
| G) CAPTIVE SCREW                      | CADMIUM PLATED PER QQ-P-416                           |
| H) RETAINING RING                     | CADMIUM PLATED PER QQ-P-416                           |

4 DUST CAP SUPPLIED WITH EACH PLUG OR RECEPTACLE.

5 APPROPRIATE PART NUMBER AND DATE CODE ARE STAMPED APPROXIMATELY AS SHOWN.

6. THESE PARTS MEET THE REQUIREMENTS OF RAYCHEM SPECIFICATION C-6111.

7 INDICATED PARTS ARE SHIPPED LOOSE.

8 SEE TABLE I, WEIGHTS ARE WITHOUT DUST CAP.

TABLE I

| PART NUMBER      | WEIGHT<br>MAXIMUM GRAMS |
|------------------|-------------------------|
| MTCC1R-YYYYYY-01 | 27.3                    |
| MTCC1P-YYYYYY-01 | 23.8                    |
| MTCC2R-YYYYYY-01 | 38.3                    |
| MTCC2P-YYYYYY-01 | 34.2                    |