



5 PANEL CUT OUT

**If this document is printed it becomes uncontrolled.
Check with the web for latest revision.**

| REVISIONS | | | |
|-----------|--|-----------|----------|
| LTR | DESCRIPTION | DATE | APPROVED |
| C | DRAWING HAS BEEN CONVERTED FROM FRENCH PER DCR#1-30290 | 11/2/2001 | M.HIGGY |

NOTES:

1. MATERIAL:
- A) SHELL RECEPTACLE ALUMINUM ALLOY PER QQ-A-591
 - B) RETENTION CLIP COPPER ALLOY 172 PER QQ-C-533
 - C) SCREW, COUNTERSUNK STAINLESS STEEL PER QQ-S-763, 300 SERIES
 - D) NUT STAINLESS STEEL PER QQ-S-763, 300 SERIES
 - E) FLAT WASHER STAINLESS STEEL PER QQ-S-763 OR QQ-S-766, 300 SERIES
 - F) KEYING PIN HIGH GRADE POLYARYLENE THERMOPLASTIC, MOLDED

2. FINISH:
- A) SHELL RECEPTACLE CADMIUM PLATED PER QQ-P-416 OVER NICKEL UNDERPLATE
 - B) RETENTION CLIP CADMIUM PLATED PER QQ-P-416
 - C) SCREW, COUNTERSUNK CADMIUM PLATED PER QQ-P-416
 - D) NUT CADMIUM PLATED PER QQ-P-416
 - E) FLAT WASHER CADMIUM PLATED PER QQ-P-416

- 3 THESE ITEMS ARE SUPPLIED UNASSEMBLED.
- 4 THIS RECEPTACLE IS REAR PANEL MOUNTED BY REMOVING AS MANY PANEL WASHERS AS REQUIRED TO ACCOMMODATE THE THICKNESS OF THE PANEL BEING USED. (SEE TABLE I)
- 5 PANEL CUT OUT FOR STACKING CONDITION MAY VARIES, DEPENDING ON THE APPLICATION.
- 6 THE DIMENSION OF .400 WIDTH MUST BE MAINTAINED FOR .200 MINIMUM LENGTH EACH SIDE FOR PROPER ALIGNMENT. AFTER THAT VARIATION IN .400 DIMENSION IS PERMISSIBLE.
- 7 MATING PLUGS:
 - ECS-0001 OVERALL LENGTH MEASURES 2.36 [60]
 - ECS-0006 OVERALL LENGTH MEASURES 2.56 [65]

| PANEL THICKNESS | NUMBER OF PANEL WASHERS FOR EACH FASTENER |
|-------------------------|---|
| 0.031/0.036 [0.8]/[0.9] | 2 |
| 0.062/0.067 [1.5]/[1.7] | 1 |
| 0.093/0.097 [2.3]/[2.4] | 0 |

SPECIFICATION CONTROL DRAWING

| | | | | |
|---|---------------------------|-----------------|------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ±.005 { .13 mm } .XX ±.02 { .5 mm } ANGLES .X ± WEIGHT: .053 Lb [24.0] GRAMS | DRAWN | ZS.ORBAN | 10/31/2001 | TUJO/ Electronics / Raychem WIRE AND HARNESSING PRODUCTS 307 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025 |
| | CHECKED | | | |
| | APPROVED | M.HIGGY | 10/31/2001 | |
| | RPN: | | | |
| | CAD NAME | T30290.DWG | | TITLE 1-INCH BLIND MATING RECEPTACLE MTC SERIES |
| | THIRD ANGLE PROJECTION | | | |
| | SIZE | CODE IDENT. NO. | DWG. NO. | REV |
| | C | 06090 | ECS-0005 | C |
| | DO NOT SCALE THIS DRAWING | | | SHEET 1 OF 1 |