

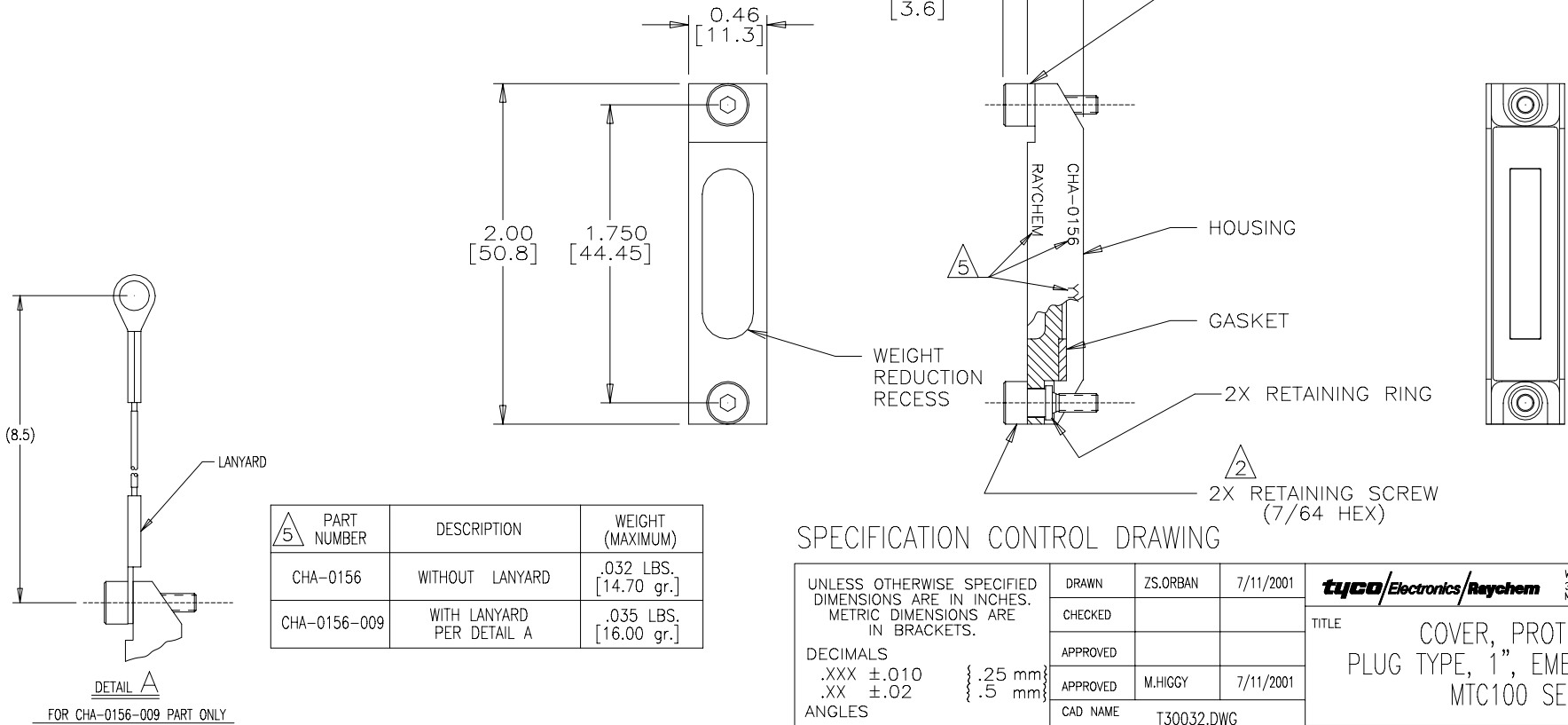
NOTES:

1. THIS PROTECTIVE COVER IS DESIGNED TO PROTECT THE INTERFACE OF MTC100 RECEPTACLE CONNECTORS AGAINST DUST AND MOISTURE ENVIROMENTS. PARTS MEET AIR LEAKAGE TEST PER C-6111 OR C-6115 (THE LEAKAGE RATE IS 0.5 ATM CM3/Second Maximum). THE PARTS ALSO OFFER ELECTROMAGNETIC EMISSION PROTECTION.

2. **MATING TORQUE**  
FOR PROPER MATING CONDITION, SCREWS MUST BE EQUALLY TIGHTENED AND LOOSENED BY ONE HALF TURN A TIME TO PREVENT ANY DAMAGES TO THE MATING GASKET.  
RETENTION SCREWS ARE TO BE TORQUED TO 7±0.5 in-lbs.

3. MATERIAL:
- a. HOUSING ALUMINUM ALLOY PER QQ-A-601 OR QQ-A-225
  - b. RETENTION SCREW STAINLESS STEEL PER QQ-S-763
  - c. GASKET CONDUCTIVE FLUOROSILICONE ELASTOMER
  - d. FLAT WASHER STAINLESS STEEL PER QQ-S-766
  - e. LANYARD STAINLESS STEEL PER QQ-S-766
  - f. RETAINING RING BERYLLIUM COPPER PER QQ-C-533
4. FINISH:
- a. HOUSING CADMIUM PLATE PER QQ-P-416 OVER NICKEL UNDERPLATE
  - b. RETENTION SCREW CADMIUM PLATE PER QQ-P-416
  - c. FLAT WASHER CADMIUM PLATE PER QQ-P-416
  - d. LANYARD CADMIUM PLATE PER QQ-P-416
  - e. RETAINING RING CADMIUM PLATE PER QQ-P-416

5. "RAYCHEM", PART NUMBER AND DATE CODE STAMPED APPROXIMATELY AS SHOWN. SEE TABULATION FOR APPROPRIATE PART NUMBER.



FOR CHA-0156-009 PART ONLY

SPECIFICATION CONTROL DRAWING

|                                                                                                                                                                                                                                        |                        |          |                                                                                       |                                                                               |                           |                                                                                        |                          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|--------------------------|----------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ±.010     { .25 mm }<br>.XX ±.02       { .5 mm }<br><br>ANGLES<br>.X ±<br><br>WEIGHT<br>SEE TAB.lbs {     g } | DRAWN                  | ZS.ORBAN | 7/11/2001                                                                             | <b>tyco/Electronics/Raychem</b>                                               |                           | WIRE AND HARNESSING PRODUCTS<br>307 CONSTITUTION DRIVE<br>MENLO PARK, CALIFORNIA 94025 |                          |          |
|                                                                                                                                                                                                                                        | CHECKED                |          |                                                                                       |                                                                               |                           |                                                                                        |                          |          |
|                                                                                                                                                                                                                                        | APPROVED               |          |                                                                                       | TITLE<br>COVER, PROTECTIVE,<br>PLUG TYPE, 1", EME COMPATIBLE<br>MTC100 SERIES |                           |                                                                                        |                          |          |
|                                                                                                                                                                                                                                        | APPROVED               | M.HIGGY  | 7/11/2001                                                                             |                                                                               |                           |                                                                                        |                          |          |
|                                                                                                                                                                                                                                        | CAD NAME<br>T30032.DWG |          |                                                                                       |                                                                               |                           |                                                                                        |                          |          |
| THIRD ANGLE<br>PROJECTION                                                                                                                                                                                                              |                        |          |  |                                                                               | SIZE<br>A                 | CODE IDENT. NO.<br>06090                                                               | DWG. NO.<br>CHA-0156-XXX | REV<br>D |
|                                                                                                                                                                                                                                        |                        |          |                                                                                       |                                                                               | DO NOT SCALE THIS DRAWING |                                                                                        | SHEET 1 OF 1             |          |

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DWG NO. CHA-0156-XXX SHEET 1