

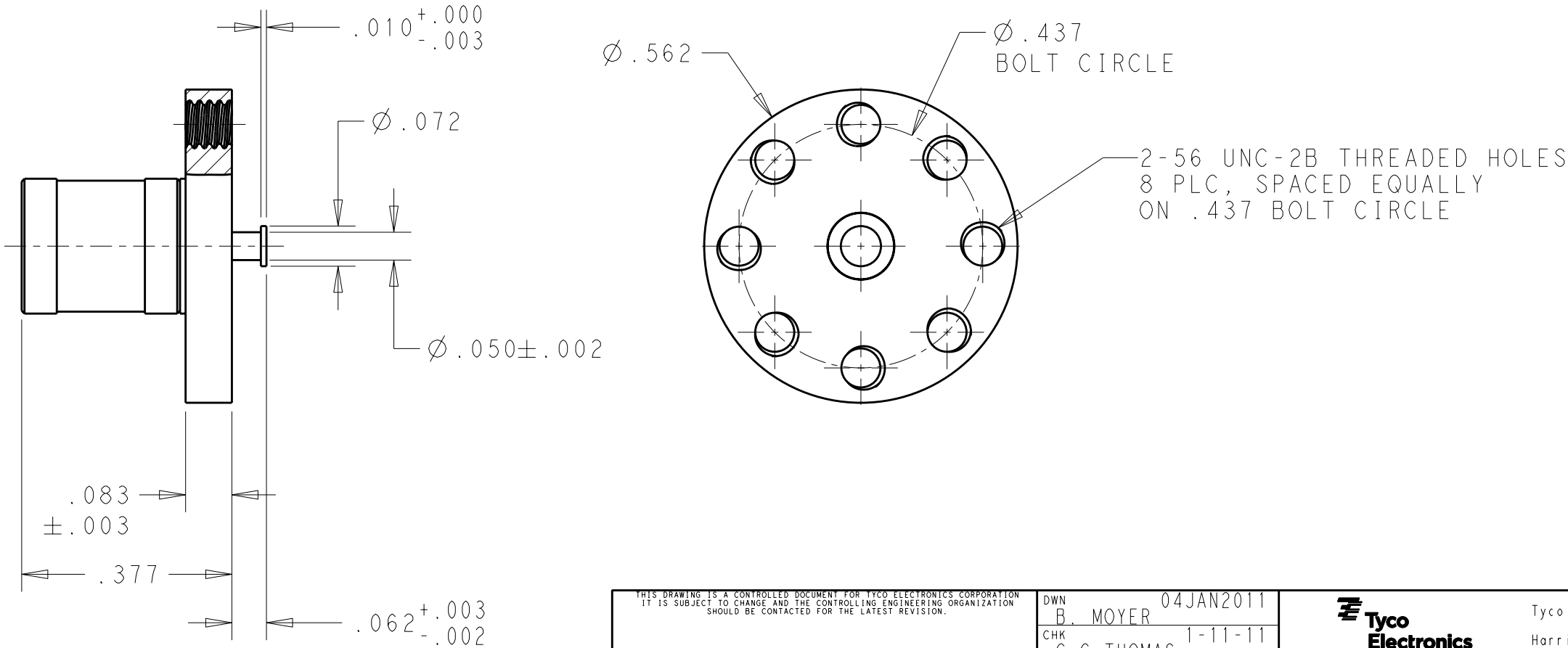
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION

© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL INTERNATIONAL RIGHTS RESERVED.

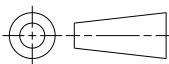
| LOC |     | DIST        |  | REVISIONS |                            |         |      |    |
|-----|-----|-------------|--|-----------|----------------------------|---------|------|----|
| P   | LTR | DESCRIPTION |  |           | DATE                       | DWN     | APVD |    |
| -   | -   | A           |  |           | RELEASED PER ECO 11-000477 | 1-11-11 | BM   | CT |
|     |     |             |  |           |                            |         |      |    |
|     |     |             |  |           |                            |         |      |    |

| ELECTRICAL                                                                                                                                                                                                                                                                                                                                                                | MECHANICAL                                                                                                                                                                            | ENVIRONMENTAL                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOMINAL IMPEDANCE (Ohms): 50<br>FREQUENCY RANGE (GHz): DC to 5<br>VOLT RATING (VRMS MAX) @ SEA LEVEL: 250<br>INSERTION LOSS (dB MAX): .30 @ 1.5 GHz<br>RF LEAKAGE (dB MIN): -55 BETWEEN 2 AND 3 GHz<br>DWV (VRMS MIN) @ SEA LEVEL: 750<br>INSULATION RESISTANCE (MEGOHMS MIN): 1000<br>RF HI-POT (VRMS MIN @ 5 MHz): 700 (@ sea level)<br>CORONA 70000 FT (VRMS MIN): 250 | INTERFACE DIMENSIONS: PER MIL-STD-348<br>CENTER CONTACT CAPTIVATION (LBS): N/A<br>FORCE TO ENGAGE/DISENGAGE (LBS MAX) : 14<br>DURABILITY (CYCLES MIN): 500 @ 12 CYCLES PER MINUTE MAX | TEMPERATURE RANGE (°C): -65 to 165<br>VIBRATION: PER MIL-STD-202, METHOD 204, CONDITION D<br>SHOCK: PER MIL-STD-202, METHOD 213, CONDITION B<br>THERMAL SHOCK: PER MIL-STD-202, METHOD 107, CONDITION B, HIGH TEMP +85<br>CORROSION: PER MIL-STD-202, METHOD 101, CONDITION B |

- 1 MATERIALS:  
HOUSING AND SLEEVE: BRASS PER ASTM B 16  
CONTACT AND RETAINING RING: BERYLLIUM COPPER PER ASTM B 196  
DIELECTRIC: TEFLON PER ASTM D 1710
- 2 FINISHES:  
HOUSING, SLEEVE AND RETAINING RING: .000050 MIN GOLD PER MIL-G-45204 OVER  
.000050 MIN COPPER PER ASTM B 571  
CONTACT: .000050 MIN GOLD PER MIL-G-45204 OVER .000050 MIN NICKEL PER QQ-N-290



2101323-1  
PART  
NUMBER

|                                                                                                                                                                                                |                                                                                                                                                                                         |                               |  |                                                                                                                                                                                    |                    |                         |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION<br>IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISION. |                                                                                                                                                                                         | DWN<br>B. MOYER<br>04JAN2011  |  |  <b>Tyco<br/>Electronics</b><br><br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |                         |                        |
| DIMENSIONS:<br>INCHES                                                                                                                                                                          |                                                                                                                                                                                         | CHK<br>C.C. THOMAS<br>1-11-11 |  |                                                                                                                                                                                    |                    |                         |                        |
|                                                                                                           | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC           ±-<br>1 PLC           ±-<br>2 PLC           ±.01<br>3 PLC           ±.005<br>4 PLC           ±.0005<br>ANGLES       ±- | APVD<br>B. MOYER<br>04JAN2011 |  | NAME<br><br>SMB, PLUG,<br>STRIPLINE,<br>FLANGE MOUNT                                                                                                                               |                    |                         |                        |
|                                                                                                                                                                                                |                                                                                                                                                                                         | PRODUCT SPEC<br><br>-         |  |                                                                                                                                                                                    |                    |                         |                        |
|                                                                                                                                                                                                |                                                                                                                                                                                         | APPLICATION SPEC<br><br>-     |  |                                                                                                                                                                                    |                    |                         |                        |
|                                                                                                                                                                                                |                                                                                                                                                                                         | WEIGHT<br>-                   |  |                                                                                                                                                                                    |                    |                         |                        |
| MATERIAL<br>                                                                                              | FINISH<br>                                                                                         | CUSTOMER DRAWING              |  | SIZE<br>A3                                                                                                                                                                         | CAGE CODE<br>00779 | DRAWING NO<br>C-2101323 | RESTRICTED TO<br><br>- |
|                                                                                                                                                                                                |                                                                                                                                                                                         |                               |  | SCALE<br>4:1                                                                                                                                                                       | SHEET<br>1         | OF<br>1                 | REV<br>A               |