

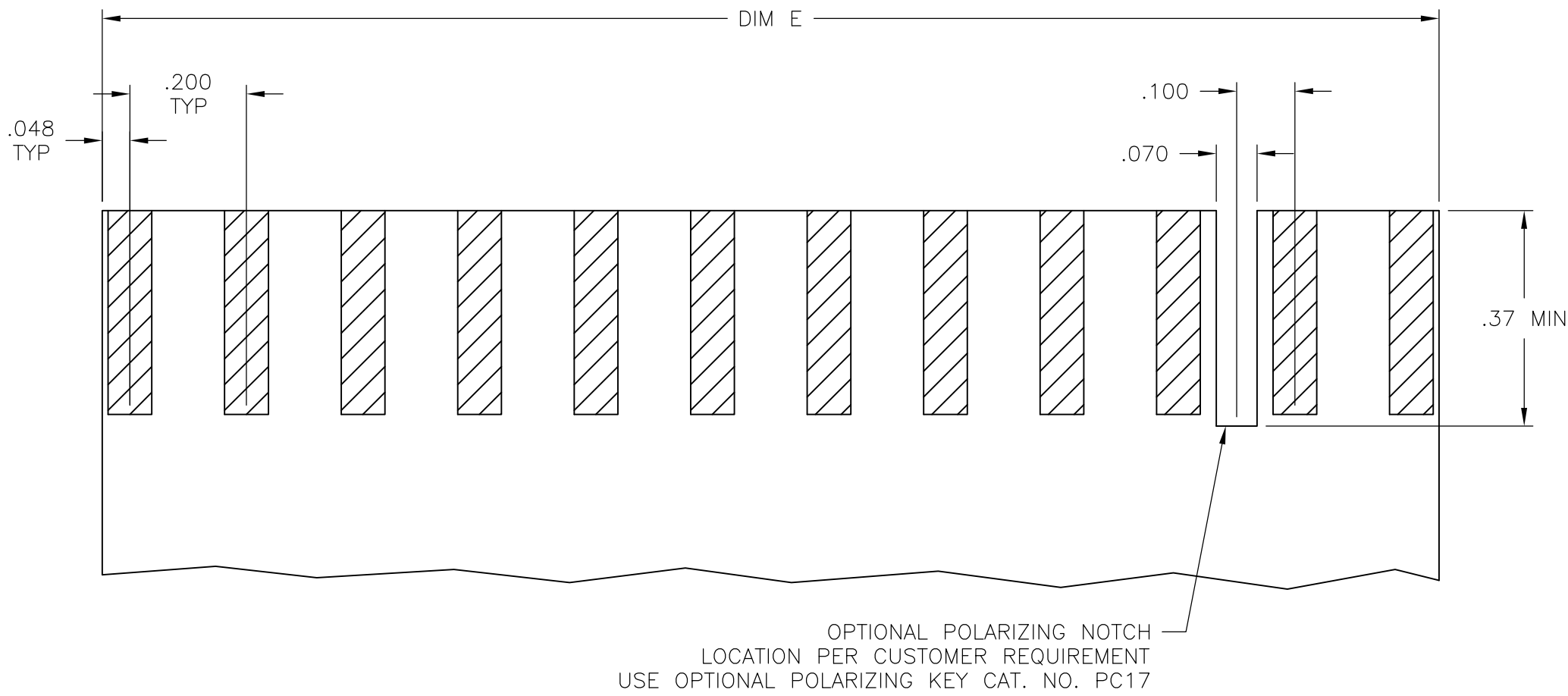
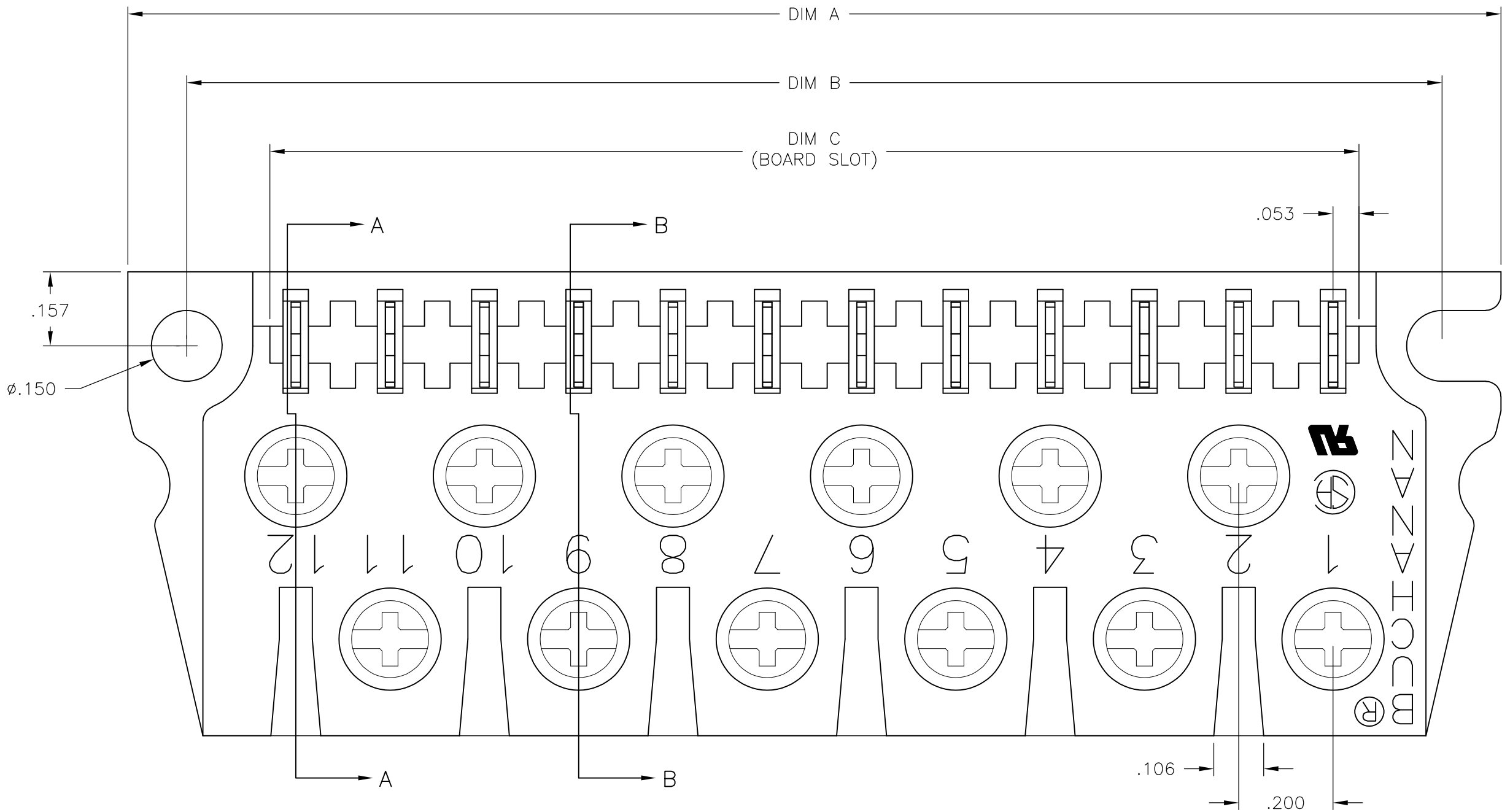
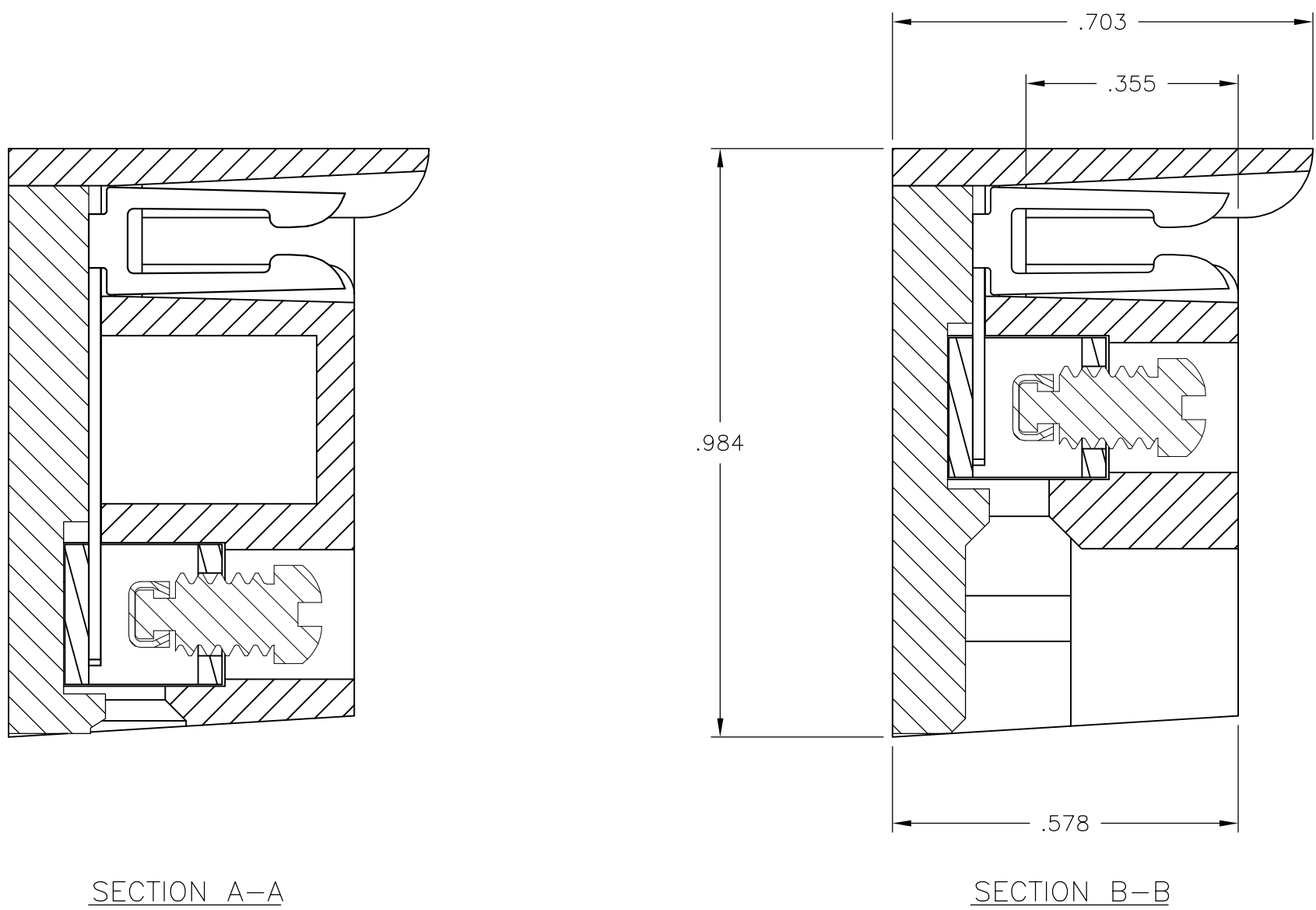
NOTES:

MATERIAL:  
HOUSING: POLYESTER, UL94V-0, WHITE.  
TUBULAR CONTACT: BRASS.  
PC CONTACT: PHOSPHOR BRONZE, GOLD  
OVER NICKEL PLATE.  
SCREW: 6-32, STEEL, ZINC CHROMATE FINISH.  
CLAMP: BRASS

MECHANICAL:  
PITCH: .200"  
WIRE STRIP LENGTH: .25"  
RECOMMENDED TIGHTENING TORQUE: 5-8 IN.-LBS.  
BOARD INSERTION FORCE: 5.6 OZ. PER CKT.  
BOARD SEPARATION FORCE: 1.8 OZ. PER CKT

ELECTRICAL:  
MAX CURRENT: 10A.  
OPERATING VOLTAGE: 250V.  
DIELECTRIC WITHSTAND: 2500V  
WIRE RANGE: #12 STRANDED ONLY.  
INSULATION RESISTANCE:  
CONTACT RESISTANCE:

ENVIRONMENTAL:  
OPERATING TEMP.: -65°C TO +140°C.



RECOMMENDED PCB LAYOUT

|       |       |       |       |             |                |             |
|-------|-------|-------|-------|-------------|----------------|-------------|
| 7.095 | 7.110 | 7.470 | 7.720 | 36          | PCB1A36A       | 1-1437410-6 |
| 5.895 | 5.910 | 6.270 | 6.520 | 30          | PCB1A30A       | 1-1437410-4 |
| 4.695 | 4.710 | 5.070 | 5.320 | 24          | PCB1A24A       | 1-1437410-2 |
| 3.495 | 3.510 | 3.870 | 4.120 | 18          | PCB1A18A       | 1-1437410-0 |
| 2.295 | 2.310 | 2.670 | 2.920 | 12          | PCB1A12A       | 1437410-8   |
| DIM E | DIM C | DIM B | DIM A | NO. OF POS. | CATALOG NUMBER | PART NUMBER |

|                                        |  |                                                                                                                           |                               |                                                           |  |
|----------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>S SCHLEGEL<br>CHK<br>S YODER<br>APVD<br>S YODER                                                                    | 16JUN04<br>6/16/04<br>6/16/04 | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± .02<br>3 PLC ± .005<br>4 PLC ± ± 1°<br>ANGLES |                               | NAME<br>PCB1A ASSEMBLY<br>SELECT GOLD PLATE               |  |
|                                        |  | APPLICATION SPEC                                                                                                          |                               | SIZE<br>A1                                                |  |
| MATERIAL<br>-                          |  | FINISH<br>-                                                                                                               |                               | CAGE CODE<br>00779                                        |  |
|                                        |  | WEIGHT<br>-                                                                                                               |                               | DRAWING NO<br>1437410-8                                   |  |
|                                        |  | CUSTOMER DRAWING                                                                                                          |                               | RESTRICTED TO<br>-                                        |  |
|                                        |  | SCALE<br>4:1                                                                                                              |                               | SHEET<br>1 OF 1                                           |  |
|                                        |  |                                                                                                                           |                               | REV<br>01                                                 |  |