



- 1 GOLD PL .00076[.000030] MIN THK PER MIL-G-45204
- 2 NICKEL PL .00127[.000050] MIN THK PER QQ-N-290
- 3 SOLDER PL .00076[.000030] MIN THK
- 4 STAMPED P/N & DATE CODE.
- 5. OPTIONAL: KEYING PLUG FOR INTERCONTACT KEYING IS 118982-1
- 6. OPTIONAL: CARD GUIDE (BASE NO 117169)
- 7 ALL PARTS ASSEMBLED IN MEXICO MUST BE STAMPED "ASSY IN MEXICO". THE WORD "MEXICO" CAN BE SUBSTITUTED ONLY WHERE PART SIZE PROHIBITS STAMPING "ASSY IN MEXICO", INK COLOR WHITE PER 115-9009, APPROX WHERE SHOWN, SIDE OPTIONAL.
- 8 ACTION PIN REQUIRES 2.13[.084] MIN THK PC BOARD.
- 9 MATTE TIN PL .00076[.000030] MIN THK

| REQ'D DRILL SIZE | HOLE DIA ±.03[.001] | PLATING THICKNESS     |                       | HOLE DIAMETER         |                         | COPPER HARDNESS (KNOOP) | PAD DIA MIN |
|------------------|---------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------|
|                  |                     | COPPER                | TIN                   | AFTER PLATING         | AFTER REFLOW            |                         |             |
| 1.15mm           | 1.15 [.0453]        | 0.03-0.08 [.001-.003] | 0.008 MIN [.0003] MIN | 0.94-1.09 [.037-.043] | 0.914-1.09 [.0036-.043] | 150 MAX                 | 1.57 [.062] |
| 1.15mm           | 1.15 [.0453]        | NOT PLATED THRU       |                       |                       |                         |                         | 1.65 [.065] |

|               |               |              |   |      |            |
|---------------|---------------|--------------|---|------|------------|
| 31.34 [1.234] | 28.04 [1.104] | 22.86 [.900] | 9 | 10   | 5-650297-1 |
| 31.34 [1.234] | 28.04 [1.104] | 22.86 [.900] | 9 | 10   | 650297-1   |
| D             | C             | B            | A | POSN | PART NO    |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|   |  |  |           |                                       |                     |           |            |        |
|---|--|--|-----------|---------------------------------------|---------------------|-----------|------------|--------|
| DIMENSIONS: mm [NCHES]  | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± -  | 1 PLC ± - | 2 PLC ± -                             | 3 PLC ± 0.25 [.010] | 4 PLC ± - | ANGLES ± - | FINISH |
| DWN: H. BAKERMANS 15-FEB-93<br>CHK: H. ROSE 19-AUG-94<br>APD: H. ROSE 19-AUG-94<br>NAME: H. ROSE<br>PRODUCT SPEC: -<br>APPLICATION SPEC: 114-28002<br>WEIGHT: -<br>MATERIAL: HOUSING: VALOX 420 SED, BLUE CONTACT: COPPER NICKEL. |  | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608<br>CONNECTOR, AMP PACE .100x.200<br>SIZE: A1<br>CAGE CODE: 00779<br>DRAWING NO: 650297<br>RESTRICTED TO: -<br>CUSTOMER DRAWING |           | SCALE: 4:1<br>SHEET: 1 OF 1<br>REV: C |                     |           |            |        |