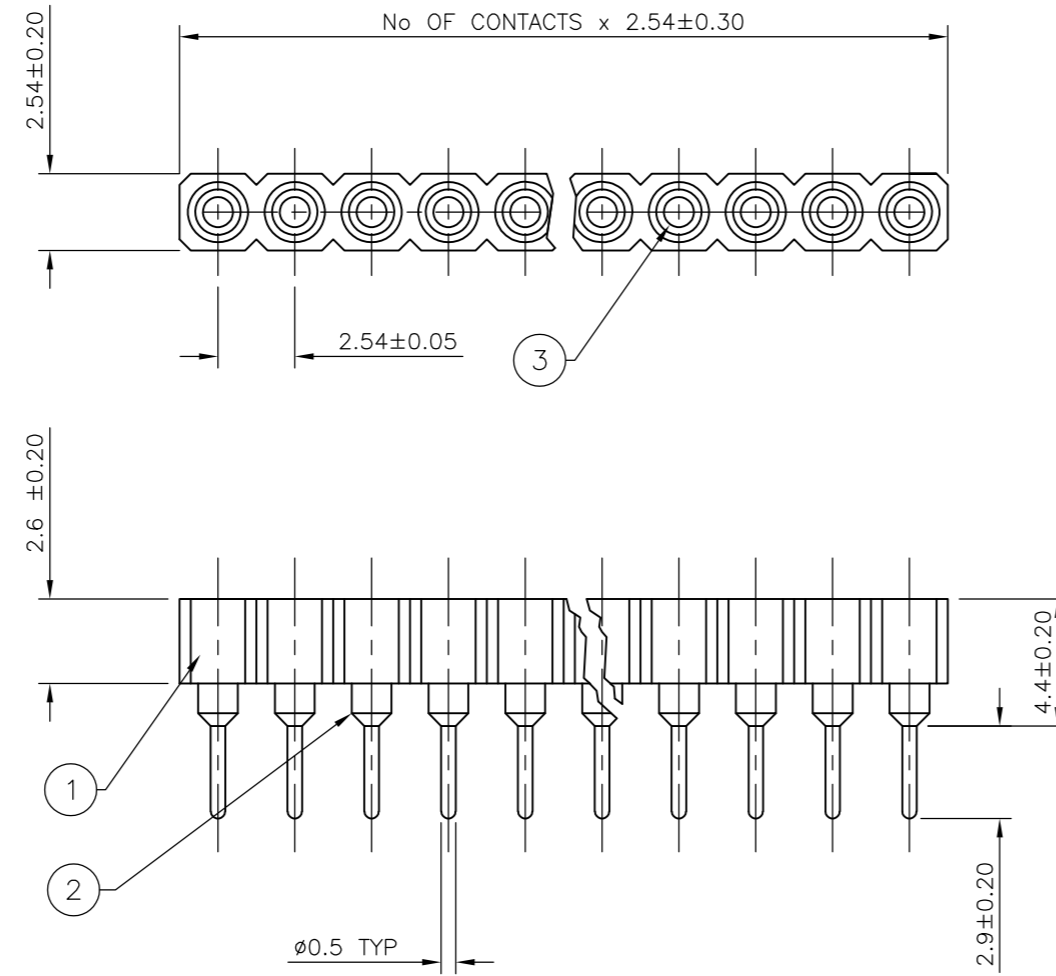


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 24FEB, 2006.
 © COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|---------------|----------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| E | B | B | | ECR-06-014950 | 21/06/06 | AM | FWK |
| | | B1 | | ECR-10-022205 | 02FEB11 | KK | HMR |
| | | B2 | | ECR-16-000905 | 22JAN16 | D.Z | S.L |



NOTES:

- MATERIAL:**
 - 1, INSULATOR - THERMOPLASTIC POLYESTER UL-94-V-0.
 - 2, SLEEVE - BRASS.
 - 3, CONTACT - STAMPED BERYLLIUM COPPER.
- PIN SPECIFICATION:**
 - CONTACT ACCEPTS: ROUND PIN ø0.40 TO 0.56.
 - RECTANGULAR PIN 0.25 x 0.45 (NOMINAL).
- MECHANICAL DATA:**
 - INSERTION FORCE- 3.2N MAX/CONTACT.
 - EXTRACTION FORCE- 0.5N MIN/CONTACT.
 - MECHANICAL LIFE- 100 CYCLES MIN (0.75µm Au)
 - 50 CYCLES MAX (FLASH Au)
 - 25 CYCLES MAX (5µm Sn)
 - CONTACT RETENTION- 3.3N MIN.
 - SOLDER PROCESS CAPABILITY- 260°C
- ELECTRICAL:**
 - CONTACT RESISTANCE- 10m Ohm MAX.
 - CONTACT RATING- 1Amp
 - INSULATION RESISTANCE- AT 500V AC BETWEEN ANY 2 ADJACENT CONTACTS MIN 10000m Ohm.
 - DIELECTRIC VOLTAGE- MIN 1000V RMS.
- ENVIRONMENTAL:**
 - OPERATION TEMPERATURE- -55 +125°C
- BOX PACKAGED WITH NUMBER OF PARTS PER BOX AS INDICATED IN TABLE. THE LABEL WILL HAVE TYCO PART NUMBER, XX QTY PER BOX, DATE CODE AND RoHS DIRECTIVE DETAILS (RoHS 2002/95/EC). OUTER BOX / SHIPPER CARTON TO BE LABELLED WITH TYCO PART NUMBER, TOTAL XXX QTY PER OUTER BOX / SHIPPER CARTON, DATE CODE AND RoHS DIRECTIVE DETAILS (RoHS 2002/95/EC).**
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.**

OBSOLETE

| QTY | PLATING | FINISH | CONTACT | POSITIONS | PART NO |
|------|------------|-------------------------|---------|-----------|-----------|
| 2000 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 5 | 4 | 1814655-8 |
| 2000 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 5 | 4 | 1814655-7 |
| 2000 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 5 | 4 | 1814655-6 |
| 2000 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 5 | 4 | 1814655-5 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 64 | 4 | 1814655-4 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 64 | 4 | 1814655-3 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 64 | 4 | 1814655-2 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 64 | 4 | 1814655-1 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 60 | 4 | 1814655-0 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 60 | 3 | 1814655-9 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 60 | 3 | 1814655-8 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 60 | 3 | 1814655-7 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 50 | 3 | 1814655-6 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 50 | 3 | 1814655-5 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 50 | 3 | 1814655-4 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 50 | 3 | 1814655-3 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 40 | 3 | 1814655-2 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 40 | 3 | 1814655-1 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 40 | 3 | 1814655-0 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 40 | 2 | 1814655-9 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 32 | 2 | 1814655-8 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 32 | 2 | 1814655-7 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 32 | 2 | 1814655-6 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 32 | 2 | 1814655-5 |
| 500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 30 | 2 | 1814655-4 |
| 500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 30 | 2 | 1814655-3 |
| 500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 30 | 2 | 1814655-2 |
| 500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 30 | 2 | 1814655-1 |
| 700 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 26 | 2 | 1814655-0 |
| 700 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 26 | 1 | 1814655-9 |
| 700 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 26 | 1 | 1814655-8 |
| 700 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 26 | 1 | 1814655-7 |
| 1000 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 20 | 1 | 1814655-6 |
| 1000 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 20 | 1 | 1814655-5 |
| 1000 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 20 | 1 | 1814655-4 |
| 1000 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 20 | 1 | 1814655-3 |
| 1000 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 16 | 1 | 1814655-2 |
| 1000 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 16 | 1 | 1814655-1 |
| 1000 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 16 | 1 | 1814655-0 |
| 1000 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 16 | 1 | 1814655-9 |
| 1000 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 10 | 1 | 1814655-8 |
| 1000 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 10 | 1 | 1814655-7 |
| 1000 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 10 | 1 | 1814655-6 |
| 1000 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 10 | 1 | 1814655-5 |
| 2500 | 0.75µm Au | 0.25µm Au OVER 2-3µm Ni | 4 | 1 | 1814655-4 |
| 2500 | FLASH Au | 5µm Sn OVER 2-3µm Ni | 4 | 1 | 1814655-3 |
| 2500 | 5µm MIN Sn | 5µm Sn OVER 2-3µm Ni | 4 | 1 | 1814655-2 |
| 2500 | 0.75µm Au | 5µm Sn OVER 2-3µm Ni | 4 | 1 | 1814655-1 |

| | | | | |
|--|--|------------------------------------|--|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN A. Morey 04AUG05 | Tyco Electronics Corporation Bideford, UK, EX39 4HE | |
| DIMENSIONS: mm | | CHK S. Parlow 24FEB06 | NAME SIP SOCKET STRAIGHT1 SINGLE ROW | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | APVD F. Wheeler-King 24FEB06 | RESTRICTED TO | |
| MATERIAL | | PRODUCT SPEC | SIZE A2 | CAGE CODE 00779 |
| FINISH | | APPLICATION SPEC | DRAWING NO C=1814655 | |
| | | WEIGHT | SCALE 4:1 | |
| | | CUSTOMER DRAWING | SHEET 1 OF 1 | |
| | | | REV B2 | |