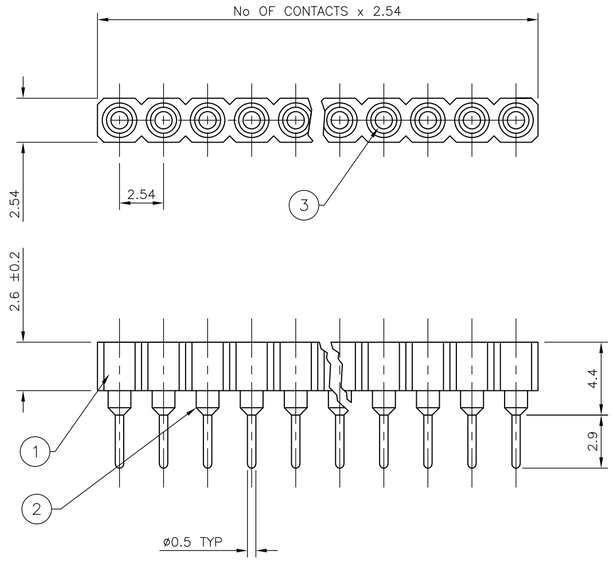
LOC	DIST
E	B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECR-06-014950	21/06/06	AM	FWK
	B1	ECR-10-022205	02FEB11	KK	HMR



NOTES:

1. MATERIAL:
   - 1, INSULATOR – THERMOPLASTIC POLYESTER UL-94-V-0.
   - 2, SLEEVE – BRASS.
   - 3, CONTACT – STAMPED BERYLLIUM COPPER.

2. PIN SPECIFICATION: CONTACT ACCEPTS:
   ROUND PIN ø0.40 TO 0.56.
   RECTANGULAR PIN 0.25 x 0.45 (NOMINAL).

3. 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

4. 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.

5. ENVIRONMENTAL: OPERATION TEMPERATURE– -55 +125°C

6. 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).

7. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.

⚠8 OBSOLETE

No. Of Parts Per Box	Contact Plating	Sleeve Plating	Number Of 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	~~1814655-9~~
1000	0.75µm Au	0.25µm Au OVER 2-3µm Ni	10	~~1814655-8~~
1000	FLASH Au	5µm Sn OVER 2-3µm Ni	10	1814655-7
1000	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	10	~~1814655-6~~
1000	0.75µm Au	5µm Sn OVER 2-3µm Ni	10	1814655-5
2500	0.75µm Au	0.25µm Au OVER 2-3µm Ni	4	~~1814655-4~~
2500	FLASH Au	5µm Sn OVER 2-3µm Ni	4	~~1814655-3~~
2500	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4	~~1814655-2~~
2500	0.75µm Au	5µm Sn OVER 2-3µm Ni	4	~~1814655-1~~

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN A. Morey 04AUG05
CHK S. Parlow 24FEB06
APVD F. Wheeler-King 24FEB06
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –
CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME SIP SOCKET STRAIGHT1 SINGLE ROW

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1814655	–

SCALE 4:1 SHEET 1 OF 1 REV B1

1814655