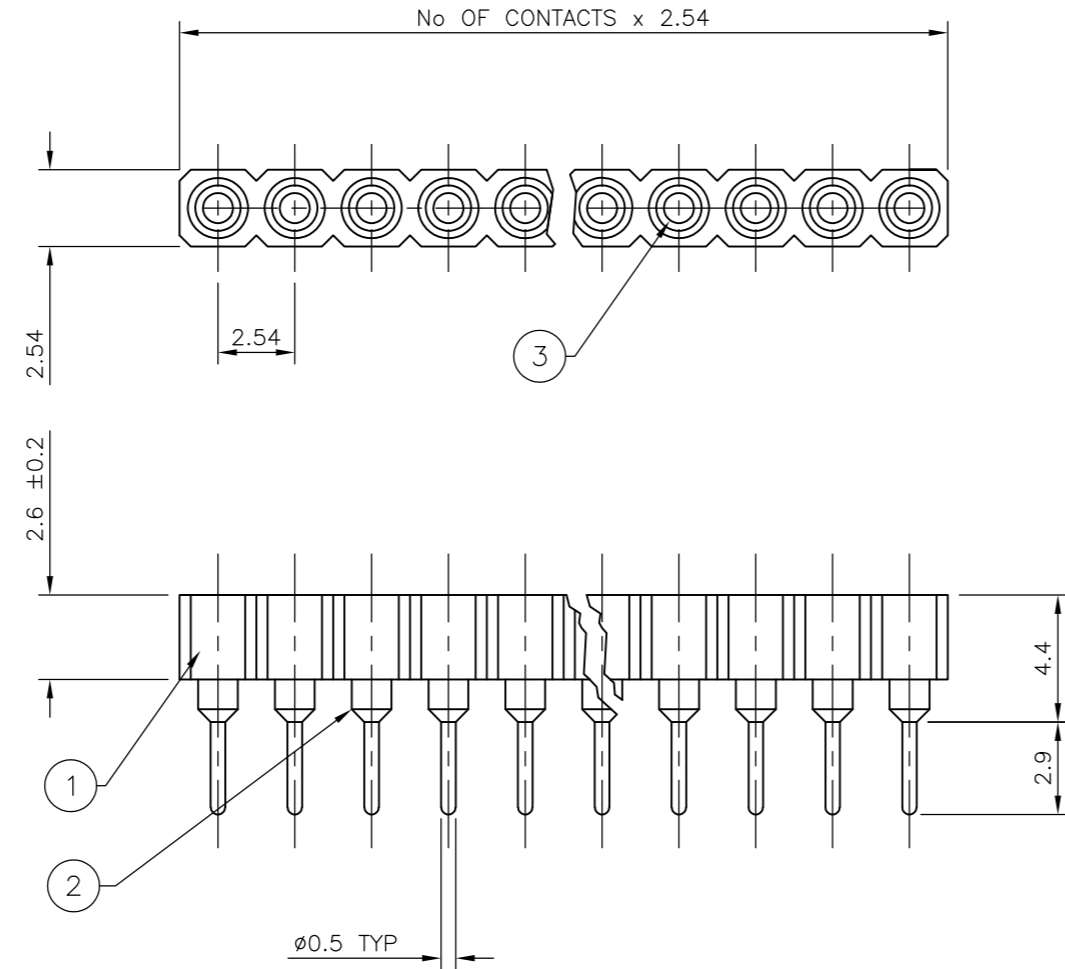


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 24FEB, 2006.
 © COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



NOTES:

- MATERIAL:**
 - 1, INSULATOR - THERMOPLASTIC POLYESTER UL-94-V-0.
 - 2, SLEEVE - BRASS.
 - 3, CONTACT - STAMPED BERYLLIUM COPPER.
- PIN SPECIFICATION:**
 - CONTACT ACCEPTS: ROUND PIN ϕ 0.40 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 (0.75 μ m Au)
 - 50 CYCLES MAX (FLASH Au)
 - 25 CYCLES MAX (5 μ m 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

2000	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	5	4-1814655-8
2000	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	5	4-1814655-7
2000	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	5	4-1814655-6
2000	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	5	4-1814655-5
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	64	4-1814655-4
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	64	4-1814655-3
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	64	4-1814655-2
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	64	4-1814655-1
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	60	4-1814655-0
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	60	3-1814655-9
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	60	3-1814655-8
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	60	3-1814655-7
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	50	3-1814655-6
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	50	3-1814655-5
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	50	3-1814655-4
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	50	3-1814655-3
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	40	3-1814655-2
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	40	3-1814655-1
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	40	3-1814655-0
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	40	2-1814655-9
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	32	2-1814655-8
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	32	2-1814655-7
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	32	2-1814655-6
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	32	2-1814655-5
500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	30	2-1814655-4
500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	30	2-1814655-3
500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	30	2-1814655-2
500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	30	2-1814655-1
700	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	26	2-1814655-0
700	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	26	1-1814655-9
700	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	26	1-1814655-8
700	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	26	1-1814655-7
1000	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	20	1-1814655-6
1000	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	20	1-1814655-5
1000	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	20	1-1814655-4
1000	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	20	1-1814655-3
1000	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	16	1-1814655-2
1000	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	16	1-1814655-1
1000	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	16	1-1814655-0
1000	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	16	1814655-9
1000	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	10	1814655-8
1000	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	10	1814655-7
1000	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	10	1814655-6
1000	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	10	1814655-5
2500	0.75 μ m Au	0.25 μ m Au OVER 2-3 μ m Ni	4	1814655-4
2500	FLASH Au	5 μ m Sn OVER 2-3 μ m Ni	4	1814655-3
2500	5 μ m MIN Sn	5 μ m Sn OVER 2-3 μ m Ni	4	1814655-2
2500	0.75 μ m Au	5 μ m Sn OVER 2-3 μ m Ni	4	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		WEIGHT	SCALE 4:1	
CUSTOMER DRAWING		SHEET 1 OF 1		REV B1