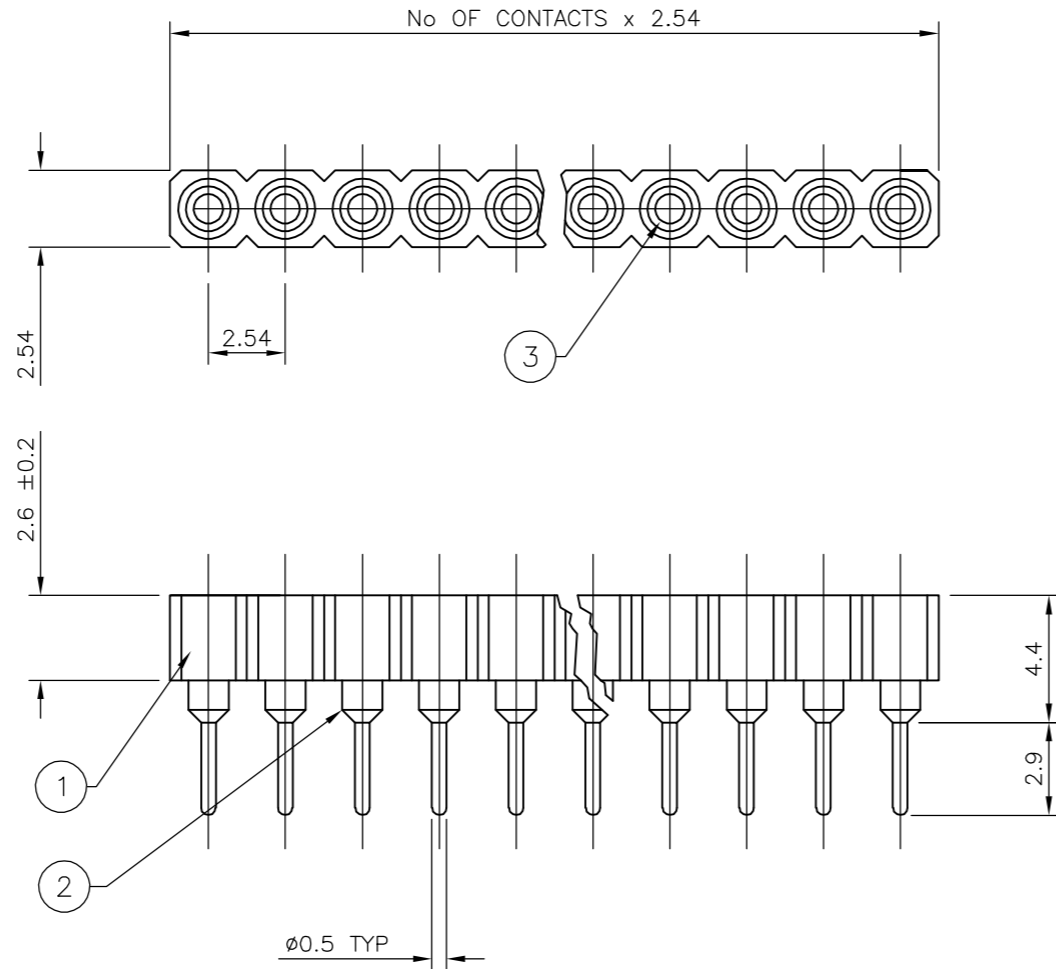


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B	B		ECR-06-014950	21/06/06	AM	FWK



- 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.**

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
No. Of Parts Per Box	Contact Plating	Sleeve Plating	Number Of Positions	Part No

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	A. Morey	04AUG05	Tyco Electronics Corporation Bideford, UK, EX39 4HE
CHK	S. Parlow	24FEB06	
APVD	F. Wheeler-King	24FEB06	
NAME	SIP SOCKET STRAIGHT SINGLE ROW		
PRODUCT SPEC	-		RESTRICTED TO
APPLICATION SPEC	-		SIZE
WEIGHT	-	A2	CAGE CODE
CUSTOMER DRAWING	SCALE 4:1		DRAWING NO
		SHEET 1 OF 1	REV B