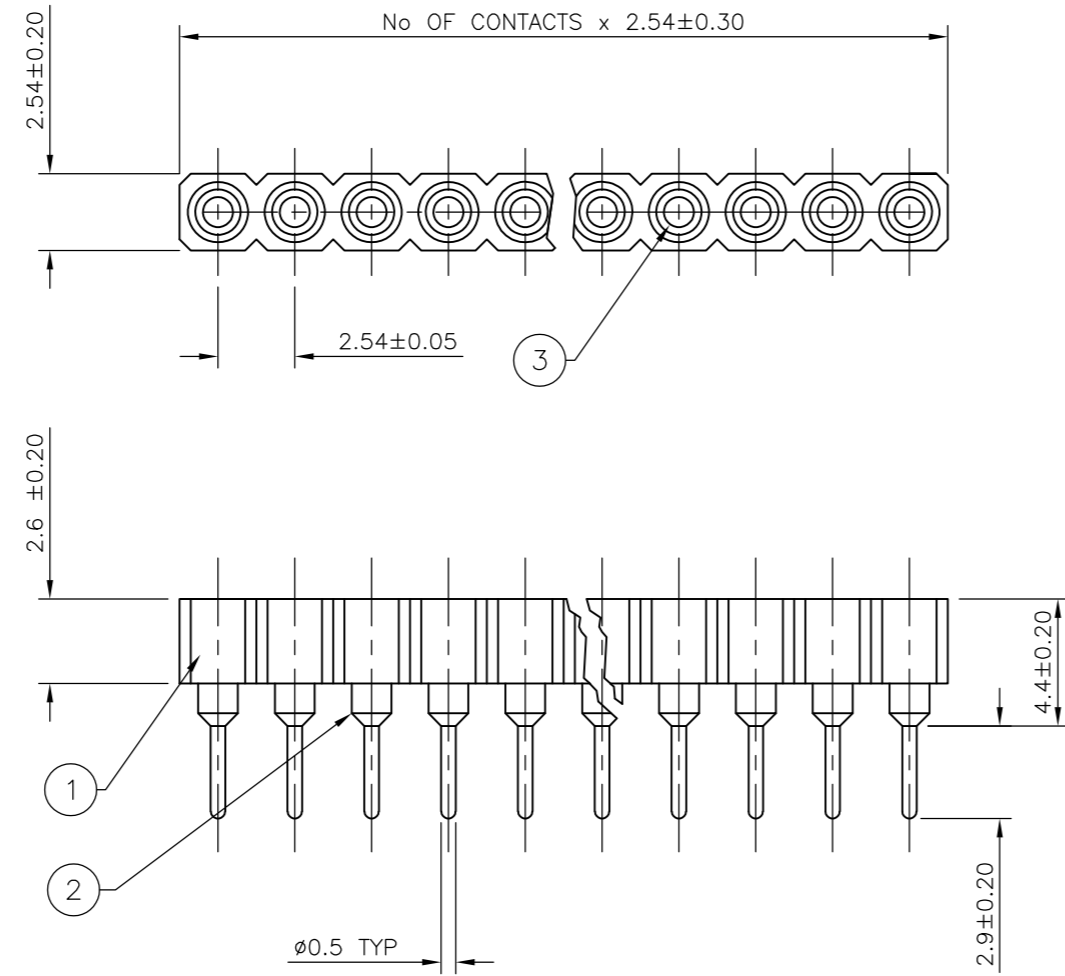


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B	B		ECR-06-014950	21/06/06	AM	FWK
		B1		ECR-10-022205	02FEB11	KK	HMR
		B2		ECR-16-000905	22JAN16	D.Z	S.L



**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	

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