

4

3

2

1

THIS DRAWING IS UNPUBLISHED.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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED		DWN		Tyco Electronics		Tyco Electronics Corporation	
mm		0 PLC	±	A. Morey	04AUG05			Bideford, UK, EX39 4HE	
		1 PLC	±	CHK	24FEB06	NAME		SIP SOCKET STRAIGHT1	
		2 PLC	±	S. Parlow		PRODUCT SPEC		SINGLE ROW	
		3 PLC	±	APVD	24FEB06	APPLICATION SPEC		RESTRICTED TO	
		4 PLC	±	F. Wheeler-King		SIZE		A2	
		ANGLES	±			CAGE CODE		00779	
		FINISH	±			DRAWING NO		C=1814655	
MATERIAL				WEIGHT		SCALE		4:1	
						SHEET		1 of 1	
				CUSTOMER DRAWING		REV		B1	

AMP 1471-9 REV 31MAR2000