

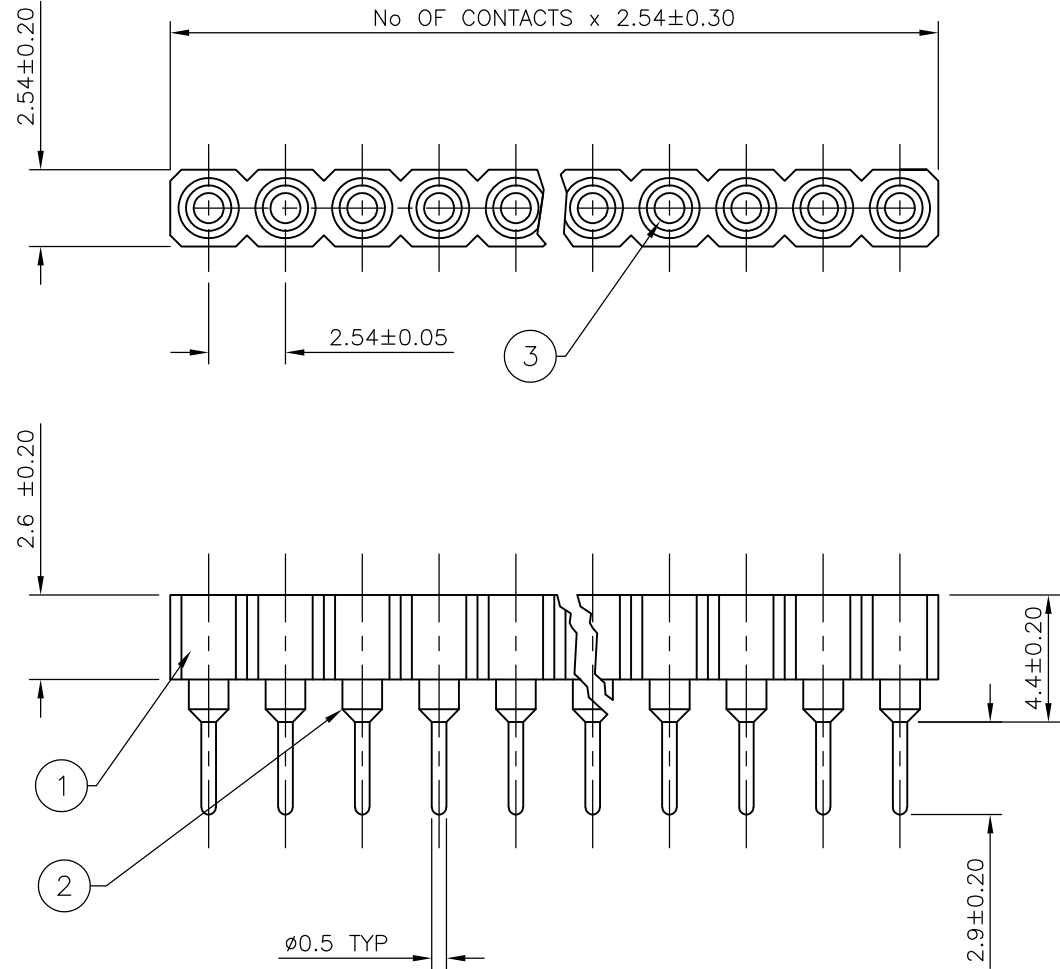
4

3

2

1

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:

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.

OBSOLETE

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

MATERIAL

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TOLERANCES UNLESS OTHERWISE SPECIFIED

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±
FINISH	-

APVD

F. Wheeler-King

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

DWN

A. Morey

04AUG05

CHK

S. Parlow

24FEB06

APVD

F. Wheeler-King

24FEB06

NAME

SIP SOCKET STRAIGHT1 SINGLE ROW

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1814655

RESTRICTED TO

-

SCALE

4:1

SHEET

1

OF

1

REV

B2

Tyco Electronics

Tyco Electronics Corporation

Bideford, UK, EX39 4HE