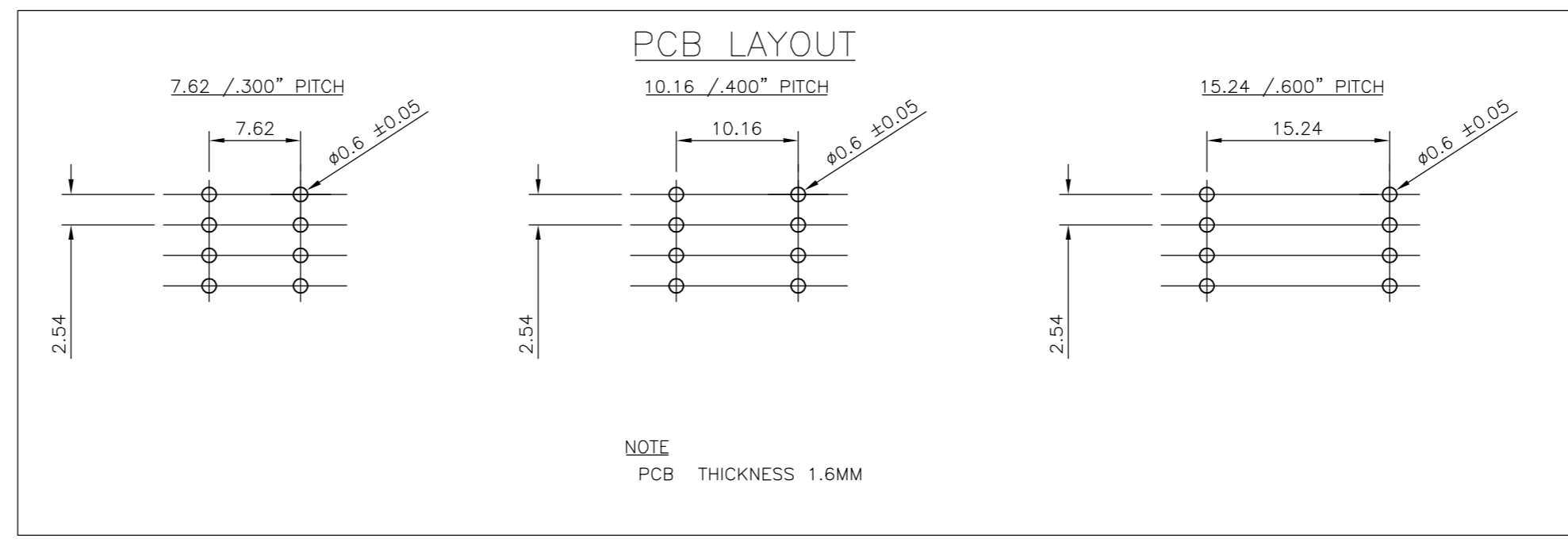
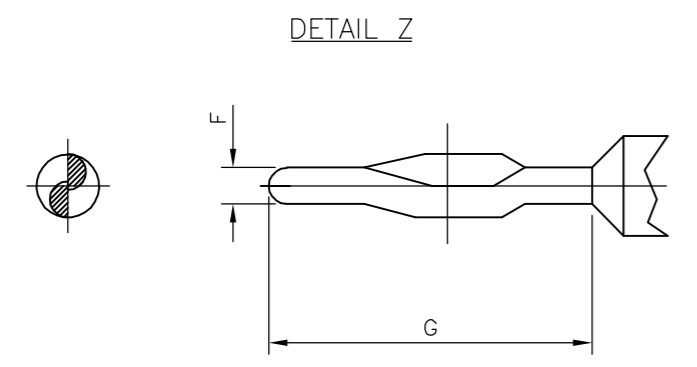
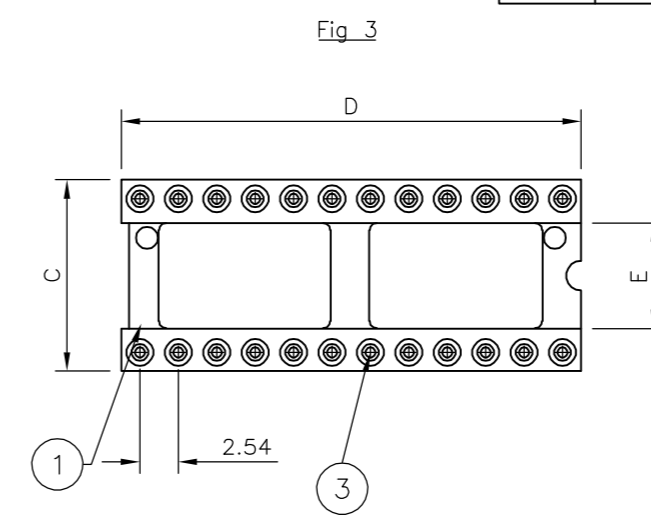
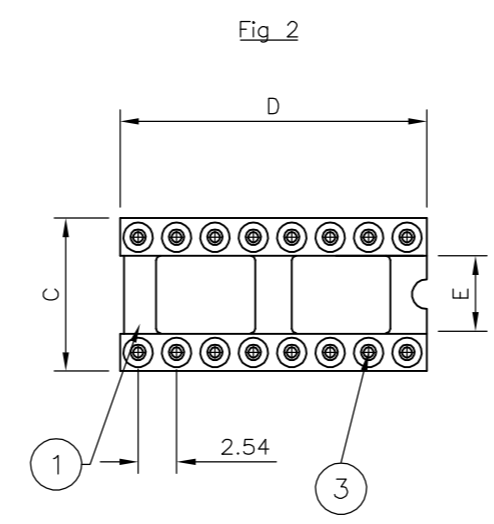
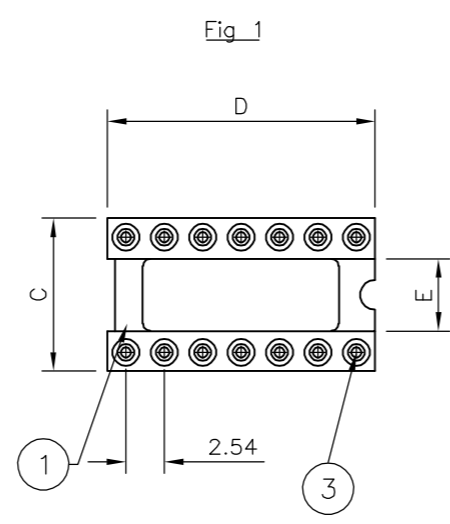
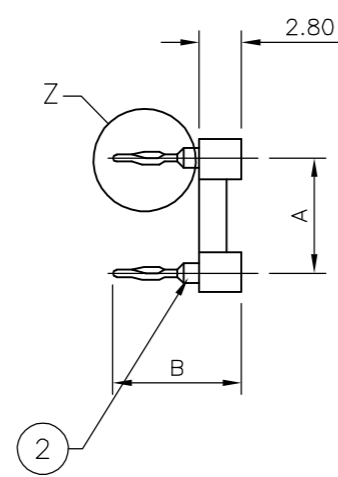


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LOC		DIST		REVISIONS			
E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		FIRST ISSUE	01/11/05	AM	FWK



NOTE  
PCB THICKNESS 1.6MM

- NOTES:**
- MATERIAL:**  
 1, INSULATOR - THERMOPLASTIC POLYESTER UL-94-V-0.  
 2, SLEEVE - CuSn.  
 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.
  - 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
  - TUBE PACKAGED WITH NUMBER OF PARTS PER TUBE AS INDICATED IN TABLE.**  
 EACH TUBE TO BE INDIVIDUALLY LABELLED. THE LABEL WILL HAVE TYCO PART NUMBER, XX QTY PER TUBE, 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.**

No. Of Parts Per Tube	Contact Plating	Sleeve Plating	G	ØF	E	D	C	B	A	Number Of Positions	Fig	Part No
12	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	40.6	12.6	8.5	10.16	32	3	3-1814654-0
12	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	40.6	12.6	8.5	10.16	32	3	2-1814654-9
12	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	40.6	12.6	8.5	10.16	32	3	2-1814654-8
14	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	35.5	12.6	8.5	10.16	28	3	2-1814654-7
14	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	35.5	12.6	8.5	10.16	28	3	2-1814654-6
14	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	35.5	12.6	8.5	10.16	28	3	2-1814654-5
14	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	35.5	10.1	8.5	7.62	28	2	2-1814654-4
14	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	35.5	10.1	8.5	7.62	28	2	2-1814654-3
14	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	35.5	10.1	8.5	7.62	28	2	2-1814654-2
17	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	30.4	12.6	8.5	10.16	24	2	2-1814654-1
17	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	30.4	12.6	8.5	10.16	24	2	2-1814654-0
17	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	30.4	12.6	8.5	10.16	24	2	1-1814654-9
17	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	30.4	10.1	8.5	7.62	24	2	1-1814654-8
17	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	30.4	10.1	8.5	7.62	24	2	1-1814654-7
17	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	30.4	10.1	8.5	7.62	24	2	1-1814654-6
18	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	27.8	12.6	8.5	10.16	22	2	1-1814654-5
18	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	27.8	12.6	8.5	10.16	22	2	1-1814654-4
18	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	7	27.8	12.6	8.5	10.16	22	2	1-1814654-3
20	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	25.3	10.1	8.5	7.62	20	2	1-1814654-2
20	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	25.3	10.1	8.5	7.62	20	2	1-1814654-1
20	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	25.3	10.1	8.5	7.62	20	2	1-1814654-0
29	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	20.3	10.1	8.5	7.62	16	1	1814654-9
29	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	20.3	10.1	8.5	7.62	16	1	1814654-8
29	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	20.3	10.1	8.5	7.62	16	1	1814654-7
29	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	17.7	10.1	8.5	7.62	14	1	1814654-6
29	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	17.7	10.1	8.5	7.62	14	1	1814654-5
29	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	17.7	10.1	8.5	7.62	14	1	1814654-4
52	FLASH Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	10.1	10.1	8.5	7.62	8	1	1814654-3
52	5µm MIN Sn	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	10.1	10.1	8.5	7.62	8	1	1814654-2
52	0.75µm Au	3µm Sn OVER 2-3µm Ni	4.05	0.5	4.8	10.1	10.1	8.5	7.62	8	1	1814654-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	A. Morey	01NOV05
CHK	S. Parlow	04NOV05
APVD	F. Wheeler-King	04NOV05

NAME: Tyco Electronics Corporation  
Bideford, UK, EX39 4HE

PRODUCT SPEC: DIP SOCKET PRESS FIT

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING


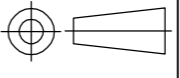
SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1814654 RESTRICTED TO: -

SCALE: 2:1 SHEET: 1 OF 2 REV: A

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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B	-	-	SEE SHEET 1	-	-	-

Part No	Fig	Number Of Positions	Dimensions							Sleeve Plating	Contact Plating	No. Of Parts Per Tube
			A	B	C	D	E	øF	G			
3-1814654-1	2	32	15.24	8.5	17.7	40.6	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	0.75µm Au	12
3-1814654-2	2	32	15.24	8.5	17.7	40.6	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	5µm MIN Sn	12
3-1814654-3	2	32	15.24	8.5	17.7	40.6	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	FLASH Au	12
3-1814654-4	3	36	15.24	8.5	17.7	45.7	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	0.75µm Au	11
3-1814654-5	3	36	15.24	8.5	17.7	45.7	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	5µm MIN Sn	11
3-1814654-6	3	36	15.24	8.5	17.7	45.7	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	FLASH Au	11
3-1814654-7	3	40	15.24	8.5	17.7	50.8	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	0.75µm Au	10
3-1814654-8	3	40	15.24	8.5	17.7	50.8	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	5µm MIN Sn	10
3-1814654-9	3	40	15.24	8.5	17.7	50.8	10.5	0.5	4.05	3µm Sn OVER 2-3µm Ni	FLASH Au	10

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DIMENSIONS: mm		CHK	04NOV05						
		APVD	04NOV05						
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		NAME	F. Wheeler-King						
MATERIAL	-	PRODUCT SPEC	-		DIP SOCKET PRESS FIT				
		APPLICATION SPEC	-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
		WEIGHT	-		A2	00779	C=1814654	-	
CUSTOMER DRAWING				SCALE	NTS	SHEET	2 OF 2	REV	A

1814654

A