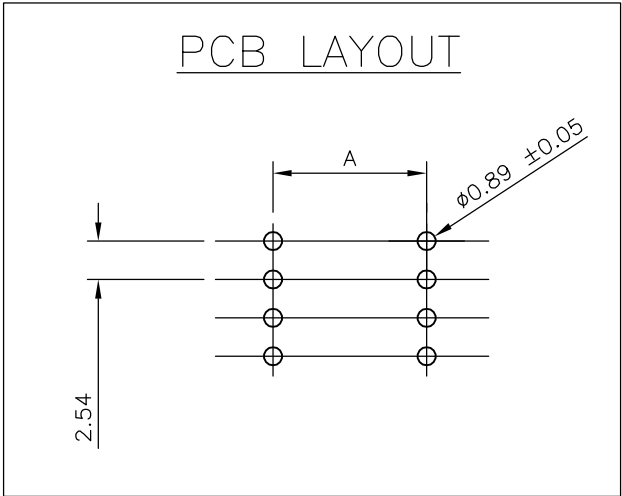
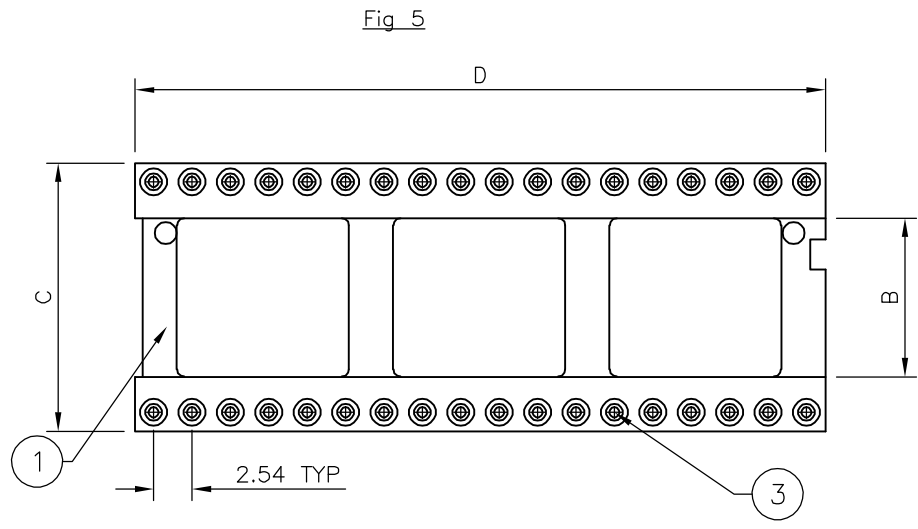
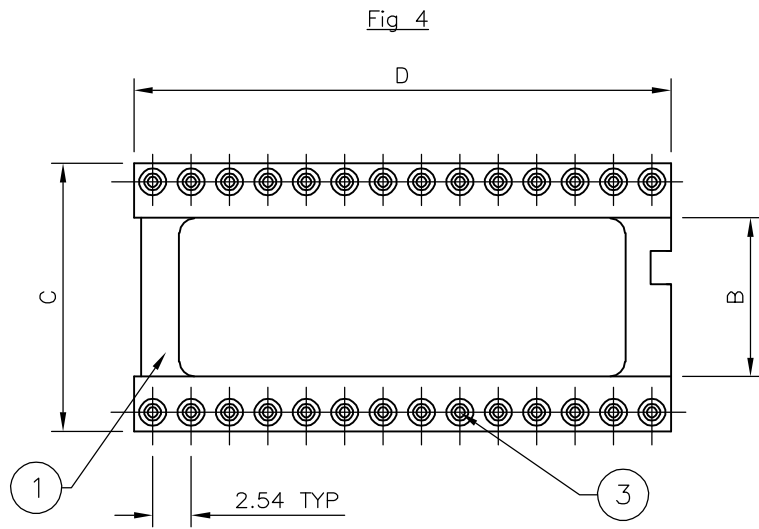
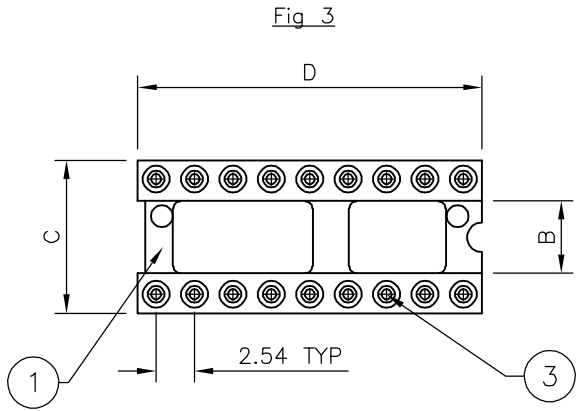
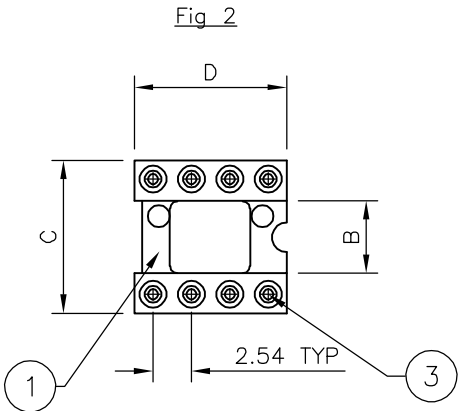
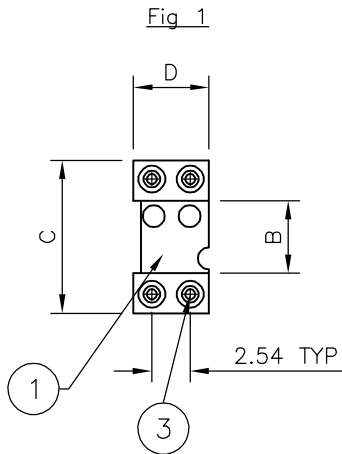
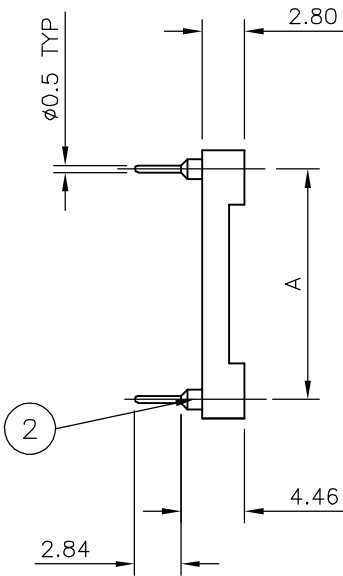


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
E	B		B	ECR-06-017535		20/07/06	FWK



NOTES:

1. MATERIAL:

1, INSULATOR –
2, SLEEVE –
3, CONTACT –
2. PIN SPECIFICATION:

CONTACT ACCEPTS:
ROUND PIN 0.40 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)
3.3N MIN.
CONTACT RETENTION–
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. 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).
7. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.

14	0.75µm Au	0.25µm Au OVER 2–3µm Ni	35.5	10.1	4.8	7.62	28	3	2–1814642–8
14	FLASH Au	5µm Sn OVER 2–3µm Ni	35.5	10.1	4.8	7.62	28	3	2–1814642–7
14	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	35.5	10.1	4.8	7.62	28	3	2–1814642–6
14	0.75µm Au	5µm Sn OVER 2–3µm Ni	35.5	10.1	4.8	7.62	28	3	2–1814642–5
18	0.75µm Au	0.25µm Au OVER 2–3µm Ni	27.8	10.1	4.8	7.62	22	3	2–1814642–4
18	FLASH Au	5µm Sn OVER 2–3µm Ni	27.8	10.1	4.8	7.62	22	3	2–1814642–3
18	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	27.8	10.1	4.8	7.62	22	3	2–1814642–2
18	0.75µm Au	5µm Sn OVER 2–3µm Ni	27.8	10.1	4.8	7.62	22	3	2–1814642–1
20	0.75µm Au	0.25µm Au OVER 2–3µm Ni	25.4	12.6	7.0	10.16	20	3	2–1814642–0
20	FLASH Au	5µm Sn OVER 2–3µm Ni	25.4	12.6	7.0	10.16	20	3	1–1814642–9
20	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	25.4	12.6	7.0	10.16	20	3	1–1814642–8
20	0.75µm Au	5µm Sn OVER 2–3µm Ni	25.4	12.6	7.0	10.16	20	3	1–1814642–7
22	0.75µm Au	0.25µm Au OVER 2–3µm Ni	22.8	10.1	4.8	7.62	18	2	1–1814642–6
22	FLASH Au	5µm Sn OVER 2–3µm Ni	22.8	10.1	4.8	7.62	18	2	1–1814642–5
22	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	22.8	10.1	4.8	7.62	18	2	1–1814642–4
22	0.75µm Au	5µm Sn OVER 2–3µm Ni	22.8	10.1	4.8	7.62	18	2	1–1814642–3
41	0.75µm Au	0.25µm Au OVER 2–3µm Ni	12.6	10.1	4.8	7.62	10	2	1–1814642–2
41	FLASH Au	5µm Sn OVER 2–3µm Ni	12.6	10.1	4.8	7.62	10	2	1–1814642–1
41	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	12.6	10.1	4.8	7.62	10	2	1–1814642–0
41	0.75µm Au	5µm Sn OVER 2–3µm Ni	12.6	10.1	4.8	7.62	10	2	1814642–9
69	0.75µm Au	0.25µm Au OVER 2–3µm Ni	7.6	10.1	4.8	7.62	6	2	1814642–8
69	FLASH Au	5µm Sn OVER 2–3µm Ni	7.6	10.1	4.8	7.62	6	2	1814642–7
69	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	7.6	10.1	4.8	7.62	6	2	1814642–6
69	0.75µm Au	5µm Sn OVER 2–3µm Ni	7.6	10.1	4.8	7.62	6	2	1814642–5
105	0.75µm Au	0.25µm Au OVER 2–3µm Ni	5.0	10.1	4.8	7.62	4	1	1814642–4
105	FLASH Au	5µm Sn OVER 2–3µm Ni	5.0	10.1	4.8	7.62	4	1	1814642–3
105	5µm MIN Sn	5µm Sn OVER 2–3µm Ni	5.0	10.1	4.8	7.62	4	1	1814642–2
105	0.75µm Au	5µm Sn OVER 2–3µm Ni	5.0	10.1	4.8	7.62	4	1	1814642–1
No. Of Parts Per Tube	Contact Plating	Sleeve Plating	D	C	B	A	Number Of Positions	Fig	Part No

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

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TOLERANCES UNLESS OTHERWISE SPECIFIED

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DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

01NOV05

18APR06

18APR06

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A. Morey

S. Parlow

F. Wheeler-King

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tyco Electronics

Tyco Electronics Corporation

Bideford, UK, EX39 4HE

OPEN FRAME DIP IC SOCKET

C=1814642

SCALE

SHEET

OF

REV

2:1

1

2

B

4			3			2			1								
THIS DRAWING IS UNPUBLISHED.			RELEASED FOR PUBLICATION			01NOV , 2005.											
© COPYRIGHT 2005 BY TYCO ELECTRONICS CORPORATION.			ALL RIGHTS RESERVED.						REVISIONS								
Part No	Fig	Number Of Positions	Dimensions				Sleeve Plating	Contact Plating	No. Of Parts Per Tube	LOC	DIST						
			A	B	C	D				E	B	P	LTR	DESCRIPTION	DATE	DWN	APVD
													—	SEE SHEET 1	—	—	—
2-1814642-9	3	28	10.16	7.0	12.6	35.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	14								
3-1814642-0	3	28	10.16	7.0	12.6	35.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	14								
3-1814642-1	3	28	10.16	7.0	12.6	35.5	5µm Sn OVER 2-3µm Ni	FLASH Au	14								
3-1814642-2	3	28	10.16	7.0	12.6	35.5	0.25µm Au OVER 2-3µm Ni	0.75µm Au	14								
3-1814642-3	4	28	15.24	10.5	17.7	35.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	14								
3-1814642-4	4	28	15.24	10.5	17.7	35.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	14								
3-1814642-5	4	28	15.24	10.5	17.7	35.5	5µm Sn OVER 2-3µm Ni	FLASH Au	14								
3-1814642-6	4	28	15.24	10.5	17.7	35.5	0.25µm Au OVER 2-3µm Ni	0.75µm Au	14								
3-1814642-7	3	32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	0.75µm Au	12								
3-1814642-8	3	32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	12								
3-1814642-9	3	32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	FLASH Au	12								
4-1814642-0	3	32	10.16	7.0	12.6	40.6	0.25µm Au OVER 2-3µm Ni	0.75µm Au	12								
4-1814642-1	4	32	15.24	10.5	17.7	40.6	5µm Sn OVER 2-3µm Ni	0.75µm Au	12								
4-1814642-2	4	32	15.24	10.5	17.7	40.6	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	12								
4-1814642-3	4	32	15.24	10.5	17.7	40.6	5µm Sn OVER 2-3µm Ni	FLASH Au	12								
4-1814642-4	4	32	15.24	10.5	17.7	40.6	0.25µm Au OVER 2-3µm Ni	0.75µm Au	12								
4-1814642-5	4	40	15.24	10.5	17.7	50.6	5µm Sn OVER 2-3µm Ni	0.75µm Au	10								
4-1814642-6	4	40	15.24	10.5	17.7	50.6	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	10								
4-1814642-7	4	40	15.24	10.5	17.7	50.6	5µm Sn OVER 2-3µm Ni	FLASH Au	10								
4-1814642-8	4	40	15.24	10.5	17.7	50.6	0.25µm Au OVER 2-3µm Ni	0.75µm Au	10								
4-1814642-9	4	48	15.24	10.5	17.7	60.9	5µm Sn OVER 2-3µm Ni	0.75µm Au	8								
5-1814642-0	4	48	15.24	10.5	17.7	60.9	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	8								
5-1814642-1	4	48	15.24	10.5	17.7	60.9	5µm Sn OVER 2-3µm Ni	FLASH Au	8								
5-1814642-2	4	48	15.24	10.5	17.7	60.9	0.25µm Au OVER 2-3µm Ni	0.75µm Au	8								
5-1814642-3	5	50	15.24	10.5	17.7	63.4	5µm Sn OVER 2-3µm Ni	0.75µm Au	8								
5-1814642-4	5	50	15.24	10.5	17.7	63.4	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	8								
5-1814642-5	5	50	15.24	10.5	17.7	63.4	5µm Sn OVER 2-3µm Ni	FLASH Au	8								
5-1814642-6	5	50	15.24	10.5	17.7	63.4	0.25µm Au OVER 2-3µm Ni	0.75µm Au	8								
5-1814642-7	5	50	22.86	17.3	25.3	63.4	5µm Sn OVER 2-3µm Ni	0.75µm Au	8								
5-1814642-8	5	50	22.86	17.3	25.3	63.4	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	8								
5-1814642-9	5	50	22.86	17.3	25.3	63.4	5µm Sn OVER 2-3µm Ni	FLASH Au	8								
6-1814642-0	5	50	22.86	17.3	25.3	63.4	0.25µm Au OVER 2-3µm Ni	0.75µm Au	8								
6-1814642-1	5	52	15.24	10.5	17.7	65.9	5µm Sn OVER 2-3µm Ni	0.75µm Au	7								
6-1814642-2	5	52	15.24	10.5	17.7	65.9	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	7								
6-1814642-3	5	52	15.24	10.5	17.7	65.9	5µm Sn OVER 2-3µm Ni	FLASH Au	7								
6-1814642-4	5	52	15.24	10.5	17.7	65.9	0.25µm Au OVER 2-3µm Ni	0.75µm Au	7								
6-1814642-5	5	52	22.86	17.3	25.3	65.9	5µm Sn OVER 2-3µm Ni	0.75µm Au	7								
6-1814642-6	5	52	22.86	17.3	25.3	65.9	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	7								
6-1814642-7	5	52	22.86	17.3	25.3	65.9	5µm Sn OVER 2-3µm Ni	FLASH Au	7								
6-1814642-8	5	52	22.86	17.3	25.3	65.9	0.25µm Au OVER 2-3µm Ni	0.75µm Au	7								
6-1814642-9	6	16/32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	0.75µm Au	12								
7-1814642-0	6	16/32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	12								
7-1814642-1	6	16/32	10.16	7.0	12.6	40.6	5µm Sn OVER 2-3µm Ni	FLASH Au	12								
7-1814642-2	6	16/32	10.16	7.0	12.6	40.6	0.25µm Au OVER 2-3µm Ni	0.75µm Au	12								

Authorized Distribution Brand :



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