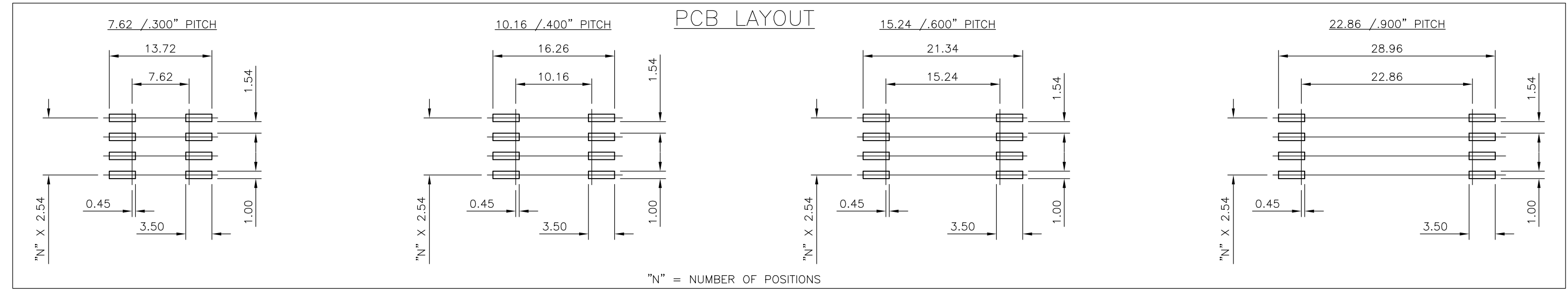
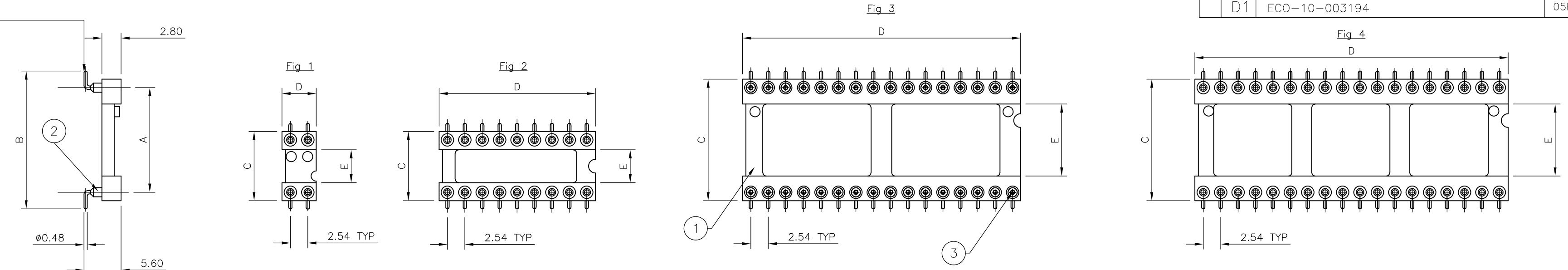


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 11 NOV. 2005.
 © COPYRIGHT 2005 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
D		ECR-07-018756	08/08/07	AM	FWK		
D1		ECO-10-003194	05FEB10	KK	HMR		

COPLANARITY
 0.00 ± 0.10
 (ACROSS ALL TAILS
 UP TO 40 POSITIONS)



"N" = NUMBER OF POSITIONS

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- 280°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
- 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).
- TAPE AND REEL PACKAGED SEE SHEET 2.
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

9	OBSOLETE	No. Of Parts Per Tube	No. Of Parts Per Tape & Reel	Contact Plating	Sleeve Plating	Dimensions					Number Of Positions	Fig	Part No
						E	D	C	B	A			
18	N/A	18	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	27.8	10.1	12.1	7.62	22	3	-3-1814640-0
18	N/A	18	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	27.8	10.1	12.1	7.62	22	3	-2-1814640-9
18	N/A	18	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	27.8	10.1	12.1	7.62	22	3	-2-1814640-8
20	N/A	20	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	25.3	10.1	12.1	7.62	20	3	-2-1814640-7
20	N/A	20	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	25.3	10.1	12.1	7.62	20	3	2-1814640-6
20	N/A	20	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	25.3	10.1	12.1	7.62	20	3	-2-1814640-5
22	N/A	22	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	22.8	10.1	12.1	7.62	18	2	-2-1814640-4
22	N/A	22	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	22.8	10.1	12.1	7.62	18	2	2-1814640-3
22	N/A	22	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	22.8	10.1	12.1	7.62	18	2	-2-1814640-2
25	N/A	25	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	20.3	10.1	12.1	7.62	16	2	-2-1814640-1
25	N/A	25	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	20.3	10.1	12.1	7.62	16	2	2-1814640-0
25	N/A	25	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	20.3	10.1	12.1	7.62	16	2	-1-1814640-9
29	N/A	29	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	17.7	10.1	12.1	7.62	14	2	-1-1814640-8
29	N/A	29	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	17.7	10.1	12.1	7.62	14	2	-1-1814640-7
29	N/A	29	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	17.7	10.1	12.1	7.62	14	2	-1-1814640-6
41	N/A	41	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	12.6	10.1	12.1	7.62	10	2	-1-1814640-5
41	N/A	41	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	12.6	10.1	12.1	7.62	10	2	-1-1814640-4
41	N/A	41	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	12.6	10.1	12.1	7.62	10	2	-1-1814640-3
N/A	600	N/A	600	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	-1-1814640-2
N/A	600	N/A	600	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	1-1814640-1
N/A	600	N/A	600	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	-1-1814640-0
52	N/A	52	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	-1814640-9
52	N/A	52	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	1814640-8
52	N/A	52	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	10.1	10.1	12.1	7.62	8	2	1814640-7
69	N/A	69	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	7.6	10.1	12.1	7.62	6	1	-1814640-6
69	N/A	69	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	7.6	10.1	12.1	7.62	6	1	-1814640-5
69	N/A	69	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	7.6	10.1	12.1	7.62	6	1	-1814640-4
105	N/A	105	N/A	FLASH Au	5µm Sn OVER 2-3µm Ni	4.8	5	10.1	12.1	7.62	4	1	-1814640-3
105	N/A	105	N/A	5µm MIN Sn	5µm Sn OVER 2-3µm Ni	4.8	5	10.1	12.1	7.62	4	1	-1814640-2
105	N/A	105	N/A	0.75µm Au	5µm Sn OVER 2-3µm Ni	4.8	5	10.1	12.1	7.62	4	1	-1814640-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	A. Morey	11NOV05
CHK	S. Parlow	22NOV05
APVD	F. Wheeler-King	22NOV05
PRODUCT SPEC		
APPLICATION SPEC		
WEIGHT		

NAME: SURFACE MOUNT DIP IC SOCKET
OUTBOARD TERMINATION

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C-1814640 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 2:1 SHEET: 1 OF 2 REV: D1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 11NOV. 2005.
 © COPYRIGHT 2005 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

Part No	Fig	Number Of Positions	Dimensions					Sleeve Plating	Contact Plating	No. Of Parts Per Tube
			A	B	C	D	E			
3-1814640-1	3	22	10.16	14.7	12.6	27.8	7	5µm Sn OVER 2-3µm Ni	0.75µm Au	18
3-1814640-2	3	22	10.16	14.7	12.6	27.8	7	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	18
3-1814640-3	3	22	10.16	14.7	12.6	27.8	7	5µm Sn OVER 2-3µm Ni	FLASH Au	18
3-1814640-4	3	24	7.62	12.1	10.1	30.4	4.8	5µm Sn OVER 2-3µm Ni	0.75µm Au	17
3-1814640-5	3	24	7.62	12.1	10.1	30.4	4.8	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	17
3-1814640-6	3	24	7.62	12.1	10.1	30.4	4.8	5µm Sn OVER 2-3µm Ni	FLASH Au	17
3-1814640-7	3	24	10.16	14.7	12.6	30.4	7	5µm Sn OVER 2-3µm Ni	0.75µm Au	17
3-1814640-8	3	24	10.16	14.7	12.6	30.4	7	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	17
3-1814640-9	3	24	10.16	14.7	12.6	30.4	7	5µm Sn OVER 2-3µm Ni	FLASH Au	17
4-1814640-0	3	24	15.24	19.9	17.7	30.4	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	17
4-1814640-1	3	24	15.24	19.9	17.7	30.4	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	17
4-1814640-2	3	24	15.24	19.9	17.7	30.4	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	17
4-1814640-3	3	28	7.62	12.1	10.1	35.5	4.8	5µm Sn OVER 2-3µm Ni	0.75µm Au	15
4-1814640-4	3	28	7.62	12.1	10.1	35.5	4.8	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	15
4-1814640-5	3	28	7.62	12.1	10.1	35.5	4.8	5µm Sn OVER 2-3µm Ni	FLASH Au	15
4-1814640-6	3	28	10.16	14.7	12.6	35.5	7	5µm Sn OVER 2-3µm Ni	0.75µm Au	15
4-1814640-7	3	28	10.16	14.7	12.6	35.5	7	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	15
4-1814640-8	3	28	10.16	14.7	12.6	35.5	7	5µm Sn OVER 2-3µm Ni	FLASH Au	15
4-1814640-9	3	28	15.24	19.9	17.7	35.5	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	15
5-1814640-0	3	28	15.24	19.9	17.7	35.5	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	15
5-1814640-1	3	28	15.24	19.9	17.7	35.5	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	15
5-1814640-2	3	32	10.16	14.7	12.6	40.6	7	5µm Sn OVER 2-3µm Ni	0.75µm Au	13
5-1814640-3	3	32	10.16	14.7	12.6	40.6	7	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	13
5-1814640-4	3	32	10.16	14.7	12.6	40.6	7	5µm Sn OVER 2-3µm Ni	FLASH Au	13
5-1814640-5	3	32	15.24	19.9	17.7	40.6	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	13
5-1814640-6	3	32	15.24	19.9	17.7	40.6	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	13
5-1814640-7	3	32	15.24	19.9	17.7	40.6	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	13
5-1814640-8	4	36	15.24	19.9	17.7	45.7	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	11
5-1814640-9	4	36	15.24	19.9	17.7	45.7	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	11
6-1814640-0	4	36	15.24	19.9	17.7	45.7	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	11
6-1814640-1	4	40	15.24	19.9	17.7	50.8	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	10
6-1814640-2	4	40	15.24	19.9	17.7	50.8	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	10
6-1814640-3	4	40	15.24	19.9	17.7	50.8	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	10
6-1814640-4	4	42	15.24	19.9	17.7	53.3	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	9
6-1814640-5	4	42	15.24	19.9	17.7	53.3	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	9
6-1814640-6	4	42	15.24	19.9	17.7	53.3	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	9
6-1814640-7	4	48	15.24	19.9	17.7	60.9	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	8
6-1814640-8	4	48	15.24	19.9	17.7	60.9	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	8
6-1814640-9	4	48	15.24	19.9	17.7	60.9	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	8
7-1814640-0	4	50	15.24	19.9	17.7	63.4	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	8
7-1814640-1	4	50	15.24	19.9	17.7	63.4	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	8
7-1814640-2	4	50	15.24	19.9	17.7	63.4	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	8
7-1814640-3	4	50	22.86	27.4	25.3	63.4	17.3	5µm Sn OVER 2-3µm Ni	0.75µm Au	7
7-1814640-4	4	50	22.86	27.4	25.3	63.4	17.3	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	7
7-1814640-5	4	50	22.86	27.4	25.3	63.4	17.3	5µm Sn OVER 2-3µm Ni	FLASH Au	7
7-1814640-6	4	52	15.24	19.9	17.7	66	10.5	5µm Sn OVER 2-3µm Ni	0.75µm Au	7
7-1814640-7	4	52	15.24	19.9	17.7	66	10.5	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	7
7-1814640-8	4	52	15.24	19.9	17.7	66	10.5	5µm Sn OVER 2-3µm Ni	FLASH Au	7
7-1814640-9	4	52	22.86	27.4	25.3	66	17.3	5µm Sn OVER 2-3µm Ni	0.75µm Au	7
8-1814640-0	4	52	22.86	27.4	25.3	66	17.3	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	7
8-1814640-1	4	52	22.86	27.4	25.3	66	17.3	5µm Sn OVER 2-3µm Ni	FLASH Au	7
8-1814640-2	4	64	22.86	27.4	25.3	81.2	17.3	5µm Sn OVER 2-3µm Ni	0.75µm Au	6
8-1814640-3	4	64	22.86	27.4	25.3	81.2	17.3	5µm Sn OVER 2-3µm Ni	5µm MIN Sn	6
8-1814640-4	4	64	22.86	27.4	25.3	81.2	17.3	5µm Sn OVER 2-3µm Ni	FLASH Au	6

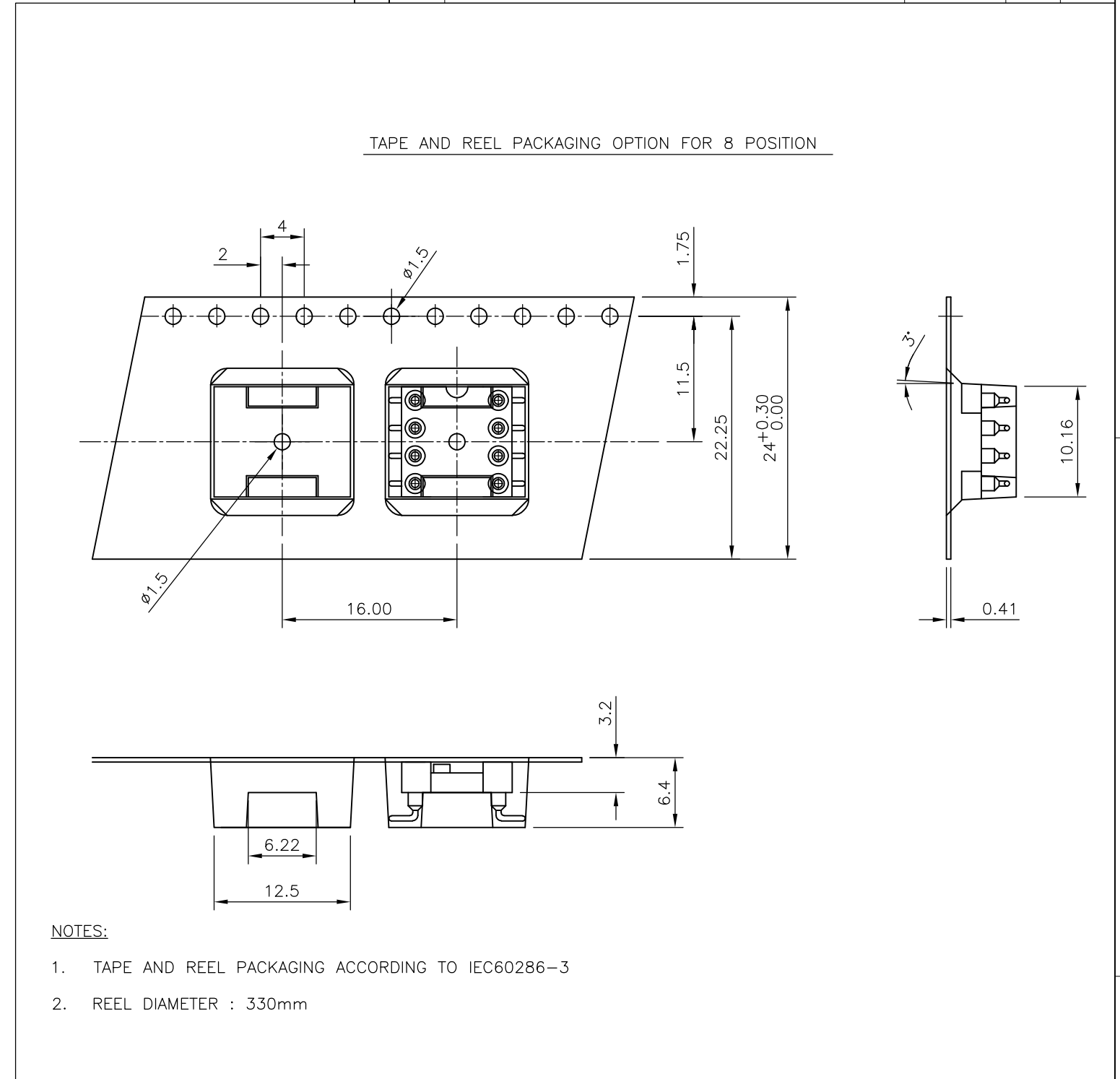
9
OBSOLETE

9
OBSOLETE

9
OBSOLETE

9
OBSOLETE

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



D

C

B

A

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. Morey 22NOV05	11NOV05	Tyco Electronics Corporation Bideford, UK, EX39 4HE	
DIMENSIONS: mm		CHK S. Parlow 22NOV05		NAME SURFACE MOUNT DIP IC SOCKET OUTBOARD TERMINATION	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD F. Wheeler-King 22NOV05		SIZE A2	CAGE CODE 00779
MATERIAL -		FINISH -	WEIGHT -	DRAWING NO C=1814640	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 2:1	SHEET 2 OF 2	REV D1