

RECOMMENDED PCB LAYOUT

RECOMMENDED FPC/FFC LAYOUT
(N = NO. OF CONTACTS)

- NOTE:
- MATERIAL:
HOUSING: PA6T UL 94V-0, COLOR: NATURAL.
ACTUATOR: PPS UL 94V-0, COLOR: BROWN.
CONTACTS: PHOSPHOR BRONZE.
TAB: PHOSPHOR BRONZE.
 - FINISH:
CONTACTS: 0.0762μm [3μ"] MIN. GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL
PEGS: 2.54μm [100μ"] MIN. MATTE-TIN OVER 1.27μm [50μ"] MIN. NICKEL
 - REFLOW SOLDER CAPABLE TO 260°C AS PER TE SPEC. 109-201, CONDITION B.

B	CLARIFICATION	ECR-08-024602	AW/SC	30SEP 2008
A	CLARIFICATION	ECR-08-005516	AW/SH	03MAR 2008
O	FIRST RELEASED	--	AW/SH	13SEP 2005
LTR	REVISION RECORD	ECN	DWS/CHK	DATE

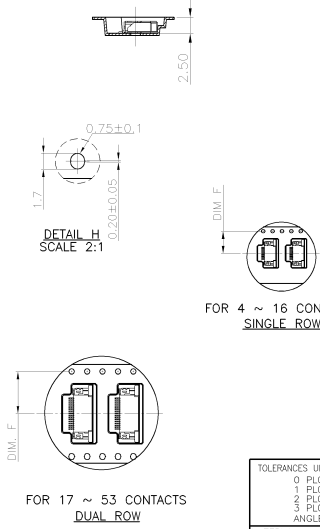
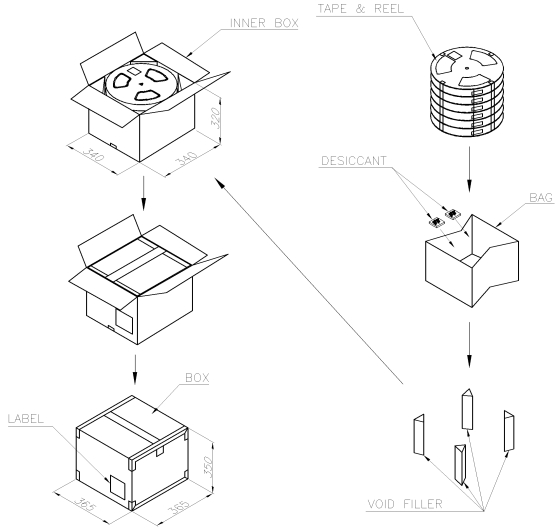
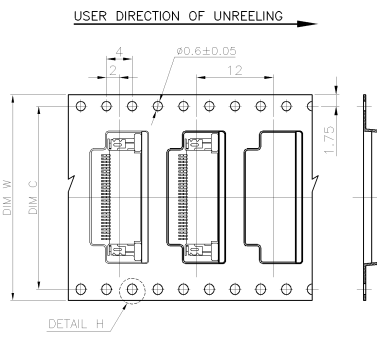
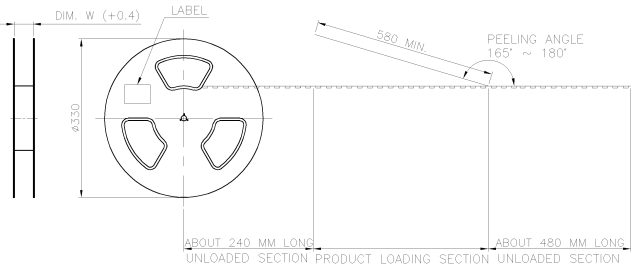
TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		A. WU	
0 PLC ±		03-MAR-2008		Tyco Electronics Corporation	
1 PLC ±0.35		CHK		S. HOU	
2 PLC ±0.2		APVD		W. KODAMA	
3 PLC ±		PRODUCT SPEC		03-MAR-2008	
ANGLES ±3°		SEE NOTE		NAME	
MATERIAL		SEE NOTE		FPC CONNECTOR, 0.5 MM PITCH, ZIF, BOTTOM CONTACT	
FINISH		SEE NOTE		LOC	
QUALIFICATION TEST REPORT		501-57461		SIZE	
WEIGHT		SEE TABLE		DRAWING NO	
SCALE		--		C-1734844	
NO. OF CONTACTS		PART NUMBER		REV	
1		4		B	
SHEET		1 OF 2			

0.58	26.0	31.01	27.10	53	5-1734844-3
0.57	25.5	30.51	26.60	52	5-1734844-2
0.56	25.0	30.01	26.10	51	5-1734844-1
0.56	24.5	29.51	25.60	50	5-1734844-0
0.55	24.0	29.01	25.10	49	4-1734844-9
0.54	23.5	28.51	24.60	48	4-1734844-8
0.53	23.0	28.01	24.10	47	4-1734844-7
0.52	22.5	27.51	23.60	46	4-1734844-6
0.51	22.0	27.01	23.10	45	4-1734844-5
0.50	21.5	26.51	22.60	44	4-1734844-4
0.49	21.0	26.01	22.10	43	4-1734844-3
0.48	20.5	25.51	21.60	42	4-1734844-2
0.47	20.0	25.01	21.10	41	4-1734844-1
0.46	19.5	24.51	20.60	40	4-1734844-0
0.45	19.0	24.01	20.10	39	3-1734844-9
0.45	18.5	23.51	19.60	38	3-1734844-8
0.44	18.0	23.01	19.10	37	3-1734844-7
0.43	17.5	22.51	18.60	36	3-1734844-6
0.42	17.0	22.01	18.10	35	3-1734844-5
0.41	16.5	21.51	17.60	34	3-1734844-4
0.40	16.0	21.01	17.10	33	3-1734844-3
0.39	15.5	20.51	16.60	32	3-1734844-2
0.38	15.0	20.01	16.10	31	3-1734844-1
0.37	14.5	19.51	15.60	30	3-1734844-0
0.36	14.0	19.01	15.10	29	2-1734844-9
0.35	13.5	18.51	14.60	28	2-1734844-8
0.34	13.0	18.01	14.10	27	2-1734844-7
0.33	12.5	17.51	13.60	26	2-1734844-6
0.33	12.0	17.01	13.10	25	2-1734844-5
0.32	11.5	16.51	12.60	24	2-1734844-4
0.31	11.0	16.01	12.10	23	2-1734844-3
0.30	10.5	15.51	11.60	22	2-1734844-2
0.29	10.0	15.01	11.10	21	2-1734844-1
0.28	9.5	14.51	10.60	20	2-1734844-0
0.27	9.0	14.01	10.10	19	1-1734844-9
0.26	8.5	13.51	9.60	18	1-1734844-8
0.25	8.0	13.01	9.10	17	1-1734844-7
0.24	7.5	12.51	8.60	16	1-1734844-6
0.23	7.0	12.01	8.10	15	1-1734844-5
0.22	6.5	11.51	7.60	14	1-1734844-4
0.22	6.0	11.01	7.10	13	1-1734844-3
0.21	5.5	10.51	6.60	12	1-1734844-2
0.20	5.0	10.01	6.10	11	1-1734844-1
0.19	4.5	9.51	5.60	10	1-1734844-0
0.18	4.0	9.01	5.10	9	1734844-9
0.17	3.5	8.51	4.60	8	1734844-8
0.16	3.0	8.01	4.10	7	1734844-7
0.15	2.5	7.51	3.60	6	1734844-6
0.14	2.0	7.01	3.10	5	1734844-5
0.13	1.5	6.51	2.60	4	1734844-4

NUMBER C-1734844
METRIC

THIS INFORMATION IS CONFIDENTIAL AND IS DECIDED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN AMP PERSONNEL WITHOUT DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

PRINT DIST DW



FOR 4 ~ 16 CONTACTS SINGLE ROW

FOR 17 ~ 53 CONTACTS DUAL ROW

QUANTITY	PCS/TAPE	REELS/BOX	DIM C	DIM F	DIM W	G/W (Kg)	N/W (Kg)	NO. OF CONTACTS
12000	2000	6	40.4	20.2	44	11.3	7.1	41
12000	2000	6	40.4	20.2	44	11.2	7.0	40
12000	2000	6	40.4	20.2	44	11.1	6.9	39
12000	2000	6	40.4	20.2	44	11.0	6.8	38
12000	2000	6	40.4	20.2	44	10.9	6.7	37
12000	2000	6	40.4	20.2	44	10.8	6.6	36
12000	2000	6	40.4	20.2	44	10.7	6.5	35
12000	2000	6	40.4	20.2	44	10.6	6.4	34
12000	2000	6	40.4	20.2	44	10.5	6.3	33
12000	2000	6	40.4	20.2	44	10.4	6.2	32
12000	2000	6	40.4	20.2	44	10.3	6.1	31
12000	2000	6	40.4	20.2	44	10.2	6.0	30
12000	2000	6	40.4	20.2	44	10.1	5.9	29
12000	2000	6	40.4	20.2	44	11.0	6.8	38
12000	2000	6	40.4	20.2	44	11.5	7.3	43
12000	2000	6	40.4	20.2	44	11.4	7.2	42
12000	2000	6	40.4	20.2	44	11.8	7.6	46
12000	2000	6	40.4	20.2	44	11.7	7.5	45
12000	2000	6	40.4	20.2	44	11.6	7.4	44
12000	2000	6	40.4	20.2	44	12.2	8.0	50
12000	2000	6	40.4	20.2	44	12.1	7.9	49
12000	2000	6	40.4	20.2	44	12.0	7.8	48
12000	2000	6	40.4	20.2	44	11.9	7.7	47
12000	2000	6	40.4	20.2	44	11.8	7.6	46
12000	2000	6	40.4	20.2	44	12.3	8.1	51
12000	2000	6	40.4	20.2	44	12.4	8.2	52
12000	2000	6	40.4	20.2	44	12.5	8.3	53
16000	2000	8	28.4	14.2	32	9.6	5.4	24
16000	2000	8	28.4	14.2	32	9.5	5.3	23
16000	2000	8	28.4	14.2	32	9.4	5.2	22
16000	2000	8	28.4	14.2	32	9.3	5.1	21
16000	2000	8	28.4	14.2	32	9.2	5.0	20
16000	2000	8	28.4	14.2	32	9.1	4.9	19
16000	2000	8	28.4	14.2	32	9.0	4.8	18
16000	2000	8	28.4	14.2	32	8.9	4.7	17
16000	2000	8	28.4	14.2	32	8.8	4.6	16
16000	2000	8	28.4	14.2	32	8.7	4.4	15
16000	2000	8	28.4	14.2	32	8.6	4.2	14
16000	2000	8	28.4	14.2	32	8.5	4.0	13
16000	2000	8	28.4	14.2	32	8.4	3.8	12
16000	2000	8	28.4	14.2	32	8.3	3.6	11
16000	2000	8	28.4	14.2	32	8.2	3.4	10
16000	2000	8	28.4	14.2	32	8.1	3.2	9
16000	2000	8	28.4	14.2	32	8.0	3.0	8
16000	2000	8	28.4	14.2	32	7.8	2.8	7
16000	2000	8	28.4	14.2	32	7.7	2.6	6
16000	2000	8	28.4	14.2	32	7.5	2.4	5
16000	2000	8	28.4	14.2	32	7.5	2.2	4

TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	A. WU	03-MAR-2008	Tyco Electronics Corporation Taipei, Taiwan
0 PLC	CHK	S. HOU	03-MAR-2008	NAME
1 PLC				
2 PLCC				
3 PLCC				
ANGLES				
MATERIAL	APVD	W. KODAMA	03-MAR-2008	FPC CONNECTOR, 0.5 MM PITCH, ZIF, BOTTOM CONTACT
FINISH	PRODUCT SPEC			
	APPLICATION SPEC			
WEIGHT				
	LOC	SIZE	DRAWING NO	REV
	DW	A ₃	C-1734844	B
	SCALE			SHEET
				2 OF 2

SEE SHEET 1.	ECN	DWN/CHK	DATE
LTR	REVISION RECORD		

8 7 6 5 4 3 2 1 CUSTOMER DRAWING

D
C
B
A