

F

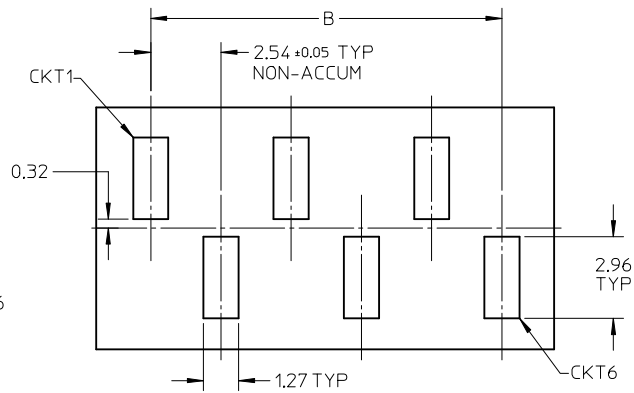
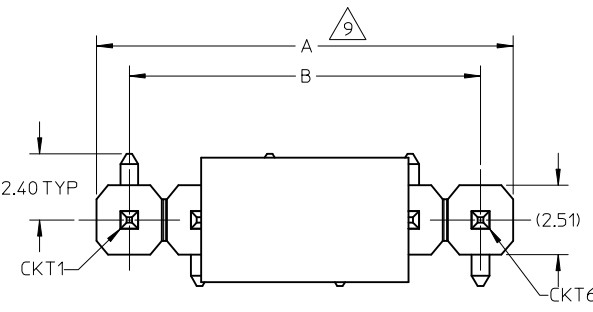
E

D

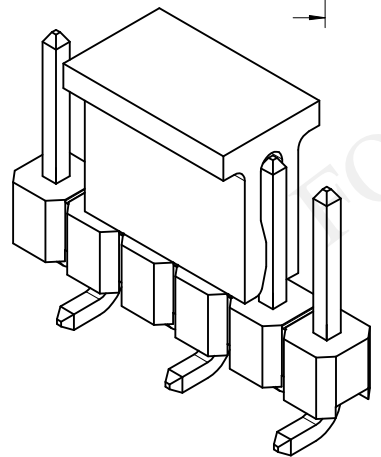
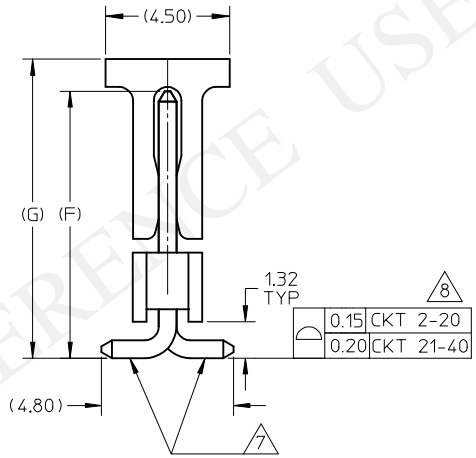
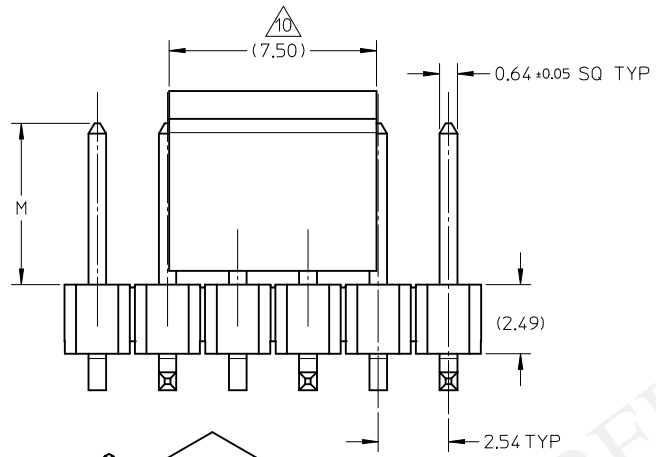
C

B

A




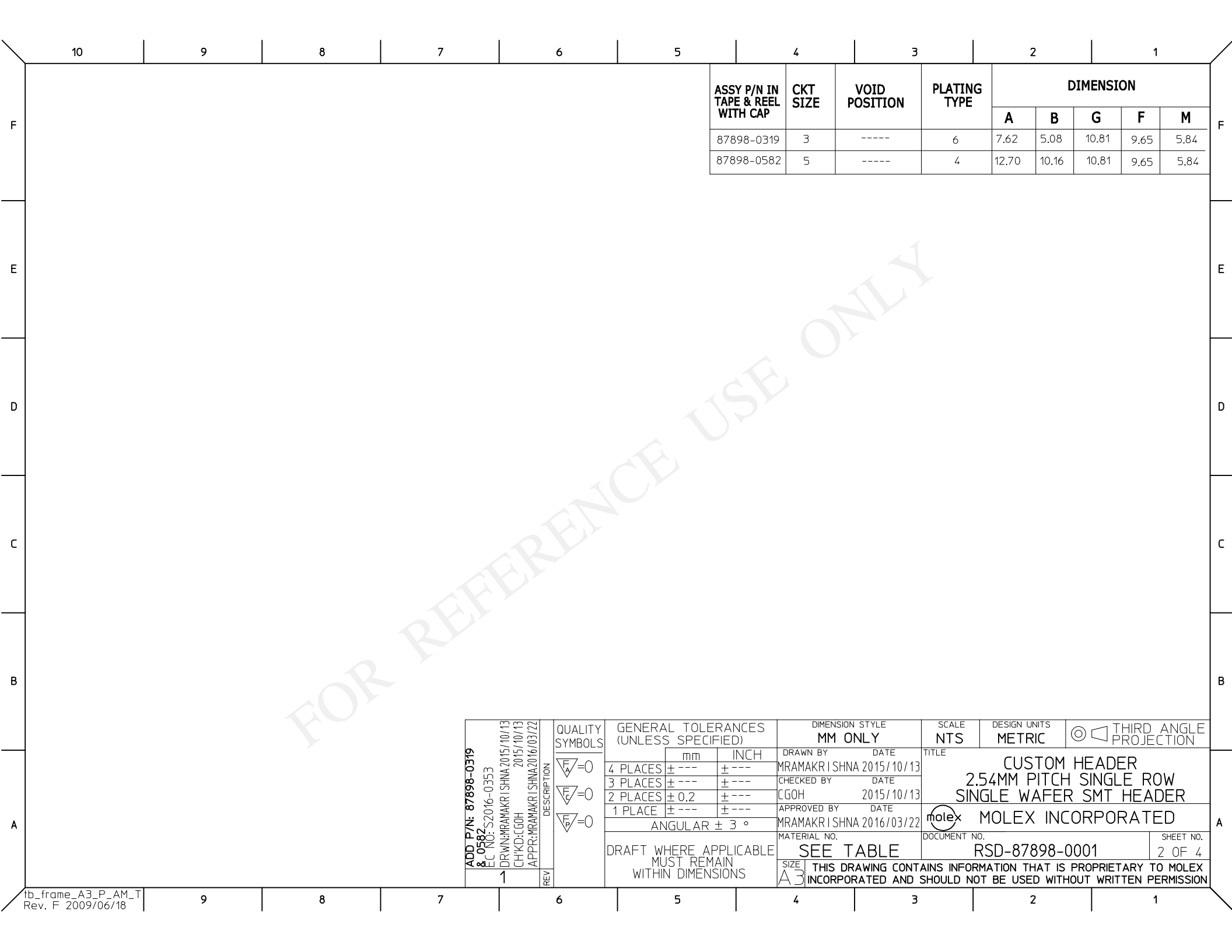
RECOMMENDED PCB LAYOUT: COMPONENT SIDE



NOTES:

1. MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
2. PLATING TYPE:
(1) GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
(2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(4) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(5) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
(6) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-87920-019
4. PACKAGING TYPE: TAPE AND REEL
5. PACKAGING SPEC:
EMBOSS TAPE WITH CAP: RPK-89990-0001
6. WAFER TO BE FLAT WITHIN 0.003 mm/mm
7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
9. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
10. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
12. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY

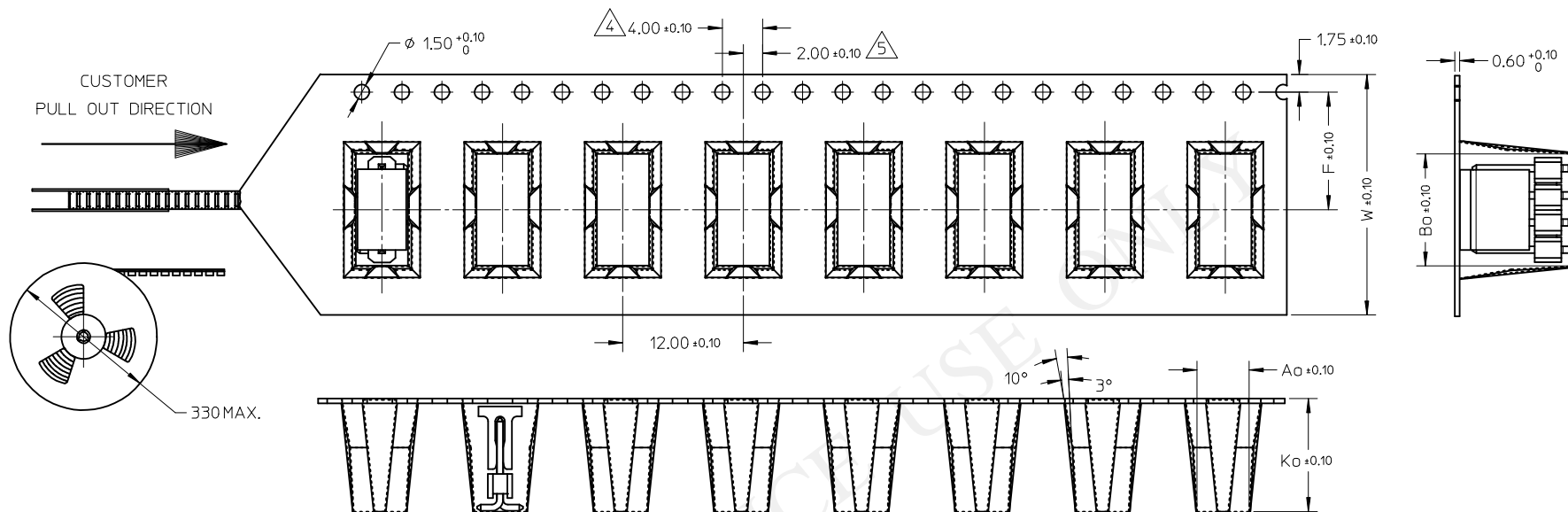
SEE SHEET 2 EC NO: S2016-0353 DRAWN:MRMAKRISHNA 2015/10/13 CHKD:CGOH 2015/10/13 APPR:MRMAKRISHNA 2016/03/22 1	REV	DESCRIPTION	QUALITY SYMBOLS F _A =0 F _G =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER MOLEX INCORPORATED RSD-87898-0001 1 OF 4				
					mm	INCH	DRAWN BY MRMAKRISHNA 2015/10/13		DATE			TITLE			
				4 PLACES	± ---	± ---	CHECKED BY		DATE						
				3 PLACES	± ---	± ---	CGOH		2015/10/13						
				2 PLACES	± 0.2	± ---	APPROVED BY		DATE						
				1 PLACE	± ---	± ---	MRMAKRISHNA 2016/03/22								
				ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE								
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



10 9 8 7 6 5 4 3 2 1

CKT	DIMENSION				
	Bo	Ao	Ko	F	W
3	8.02	5.20	13.60	11.50	24.00

EMBOSSED CARRIER TYPE 'A'



NOTES:

1. LEADER AND TRAILER TAPE

160 MIN. TOP TAPE TRAILER

390 MIN TOP TAPE NON BONDED TAPE

160 MIN. TAIL PART (EMPTY)

230 MIN. LEADER PART (EMPTY)

2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

PEEL OFF DIRECTION

15° MAX.

PULL OUT DIRECTION

3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK
4. MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
5. CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS $\pm 0.20\text{mm}$
6. A0 AND B0 ARE MEASURED FROM ABOVE POCKET BASE 0.30mm
7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
8. TAPE AND REEL QUANTITY : 440PCS/REEL
9. THE TAPE IS TREATED FOR ANTI-STATIC.
10. ALL RADIUS ARE 0.30MM UNLESS SPECIFY
11. SURFACE RESISTIVITY 10^3 TO 10^9 OHMS.

PART PACK
IN E/TAPE
ORIENTATION
(FOR REF USE)

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY	DATE			
$F_A=0$	4 PLACES	± 0.2	DATE	2015/10/13	NTS	METRIC	
$F_B=0$	3 PLACES	± 0.2	CHECKED BY	DATE			
$F_C=0$	2 PLACES	± 0.2	CGOH	2015/10/13			
$F_D=0$	1 PLACE	± 0.2	APPROVED BY	DATE			
	ANGULAR $\pm 3^\circ$		MRAMAKRISHNA	2016/03/22			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	SEE TABLE			
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

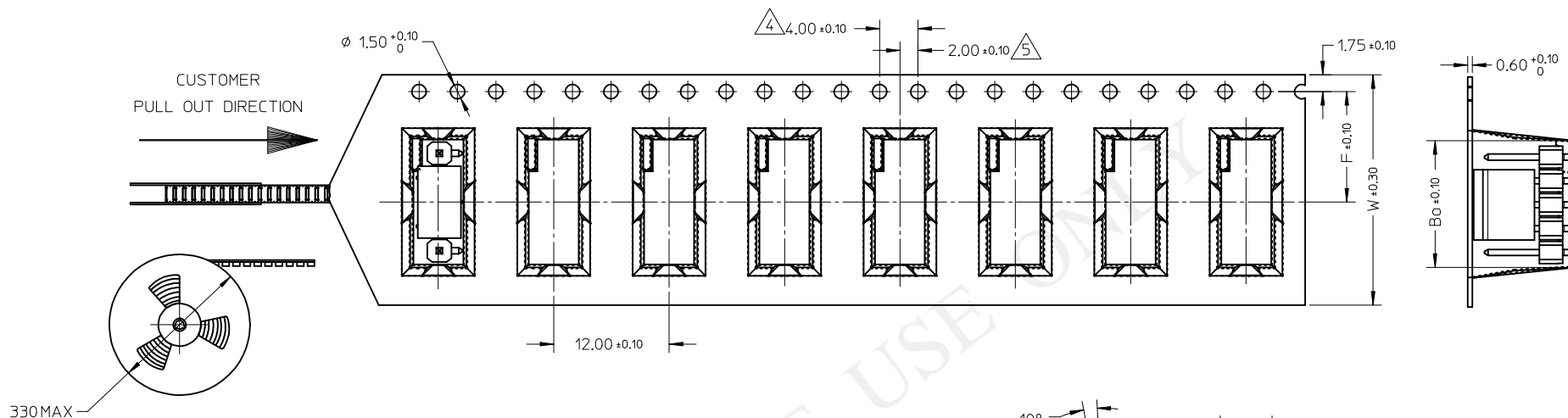
SEE SHEET 2	EC NO: S2016-0353	DRW:MRAMAKRISHNA	2015/10/13	CHKD:CGOH	2015/10/13	APPR:MRAMAKRISHNA	2016/03/22
1							

CUSTOM HEADER		2.54MM PITCH SINGLE ROW	
SINGLE WAFER SMT HEADER		MOLEX INCORPORATED	
DOCUMENT NO.		RSD-87898-0001	
SHEET NO.		3 OF 4	

9 8 7 6 5 4 3 2 1

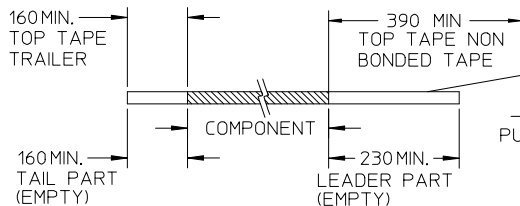
10 9 8 7 6 5 4 3 2 1

CKT	DIMENSION				
	Bo	Ao	Ko	F	W
5	13.10	5.20	11.30	11.50	24.00

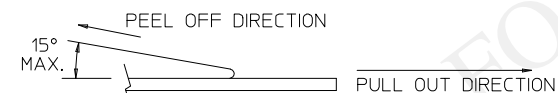


NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK
4. MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
5. CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS $\pm 0.20\text{mm}$
6. A0 AND B0 ARE MEASURED FROM ABOVE SPOCKET BASE 0.30mm
7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
8. TAPE AND REEL QUANTITY : 440PCS/REEL
9. THE TAPE IS TREATED FOR ANTI-STATIC.
10. ALL RADIUS ARE 0.30mm UNLESS SPECIFY
11. SURFACE RESISTIVITY 10^3 TO 10^9 OHMS.

**PART PACK
IN E/TAPE
ORIENTATION
(FOR REF USE)**

SEE SHEET 2	EC NO: S2016-0353 DRAWN:MRAMAKR SHNA 2015/10/13 CHKD:CGOH 2015/10/13 APPR: MRAMAKR SHNA 2016/03/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM ONLY		NTS	METRIC			
						DRAWN BY DATE		TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				
						CHECKED BY DATE						
						APPROVED BY DATE		MOLEX INCORPORATED				
		MATERIAL NO.		DOCUMENT NO.								
		ANGULAR ± 3 °		SEE TABLE		RSD-87898-0001						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NO. 4 OF 4						

F

E

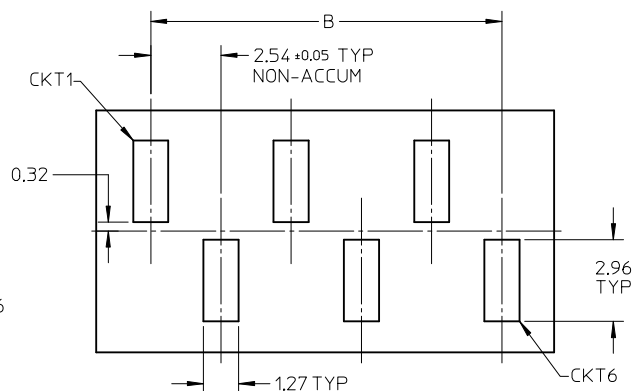
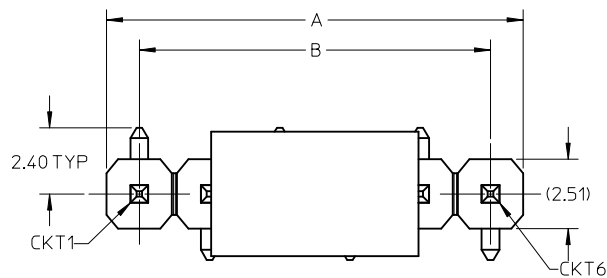
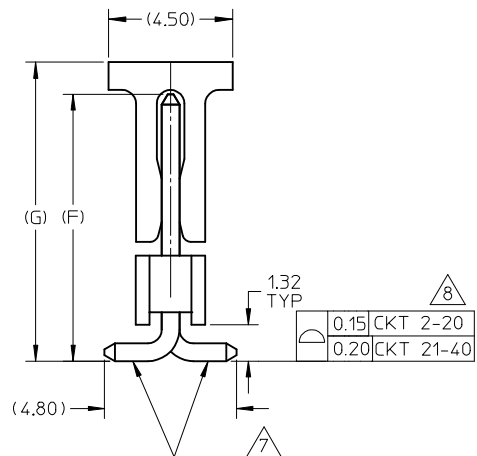
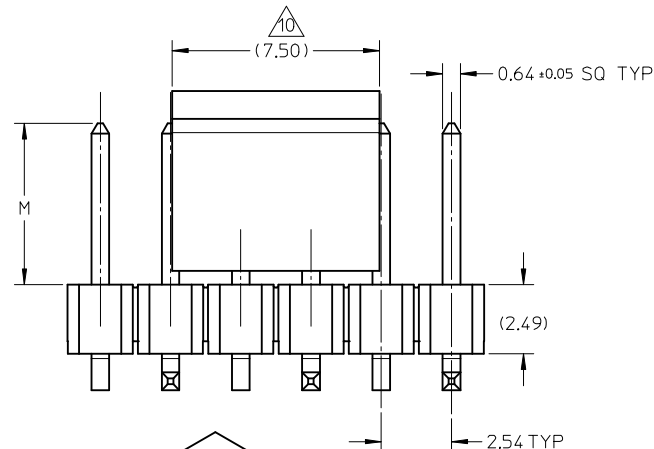
D

C

B

A

10987654321

**RECOMMENDED PCB LAYOUT: COMPONENT SIDE****NOTES:****1. MATERIAL:**

HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY

2. PLATING TYPE:

- (1) GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
- (2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (4) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (5) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDER TAIL OVER
1.25µm MIN. NICKEL OVERALL.
- (6) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-87920-019**4. PACKAGING TYPE: SEE TABLE****5. PACKAGING SPEC:**

TUBE WITH CAP VERSION: PK-89990-558
TUBE W/O CAP VERSION: PK-89990-545
TRAY W/O CAP: PK-89990-489
EMBOSS TAPE WITH CAP: PK-89990-486

6. WAFER TO BE FLAT WITHIN 0.003 mm/mm

7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
9. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
10. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
12. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
13. TUBE LENGTH AS PER STANDARD 560mm

F

E

D

C

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SEE SHEET 21 EC NO: S2016-0687 DRW: NRAMAKRI SHNA 2016/02/01 CHKD: NRAMAKRI SHNA 2016/02/01 APPR: ISHWARG 2016/04/13	DESCRIPTION	QUALITY SYMBOLS <div>F_A=0</div> <div>F_B=0</div> <div>F_C=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY YLOIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				
			4 PLACES	± ---	± ---	CHECKED BY PTLIM	DATE 2005/03/29					
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/10/04					
			2 PLACES	± 0.2	± ---	MATERIAL NO.		DOCUMENT NO. SD-87898-001				
			1 PLACE	± ---	± ---	SEE TABLE						
			ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			B14	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

987654321

	10	9	8	7	6	5	4	3	2	1					
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M	
	87898-0301	-----	-----	-----	-----	-----	3	-----	1	7.62	5.08	10.81	9.65	5.84	
	87898-0302	-----	-----	-----	-----	-----	3	-----	2	7.62	5.08	10.81	9.65	5.84	
	87898-0304	-----	-----	-----	-----	87898-0314	3	-----	4	7.62	5.08	10.81	9.65	5.84	
	87898-0305	-----	-----	-----	-----	87898-0315	3	-----	5	7.62	5.08	10.81	9.65	5.84	
	87898-0306	-----	-----	-----	-----	87898-0316	3	-----	6	7.62	5.08	10.81	9.65	5.84	
	REFER TO LAST SHEET FOR 2CKT SIZE														

	10	9	8	7	6	5	4	3	2	1					
F	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M	
	-----	-----	87898-0421	87898-0431	-----	87898-0451	4	-----	1	10.16	7.62	10.81	9.65	5.84	
	-----	-----	87898-0422	87898-0432	-----	87898-0452	4	-----	2	10.16	7.62	10.81	9.65	5.84	
	-----	-----	87898-0424	87898-0434	-----	87898-0454	4	-----	4	10.16	7.62	10.81	9.65	5.84	
	-----	-----	87898-0425	87898-0435	-----	87898-0455	4	-----	5	10.16	7.62	10.81	9.65	5.84	
E	-----	-----	87898-0426	87898-0436	-----	87898-0456	4	-----	6	10.16	7.62	10.81	9.65	5.84	
	-----	-----	87898-0521	87898-0531	-----	87898-0551	5	-----	1	12.70	10.16	10.81	9.65	5.84	
D	-----	-----	87898-0522	87898-0532	-----	87898-0552	5	-----	2	12.70	10.16	10.81	9.65	5.84	
	-----	-----	87898-0524	87898-0534	-----	87898-0554	5	-----	4	12.70	10.16	10.81	9.65	5.84	
	-----	-----	87898-0525	87898-0535	-----	87898-0555	5	-----	5	12.70	10.16	10.81	9.65	5.84	
	-----	-----	87898-0526	87898-0536	-----	87898-0556	5	-----	6	12.70	10.16	10.81	9.65	5.84	
C	-----	-----	87898-0621	87898-0631	-----	87898-0651	6	-----	1	15.24	12.70	10.81	9.65	5.84	
	-----	-----	87898-0622	87898-0632	-----	87898-0652	6	-----	2	15.24	12.70	10.81	9.65	5.84	
	-----	-----	87898-0624	87898-0634	-----	87898-0654	6	-----	4	15.24	12.70	10.81	9.65	5.84	
	-----	-----	87898-0625	87898-0635	-----	87898-0655	6	-----	5	15.24	12.70	10.81	9.65	5.84	
	-----	-----	87898-0626	87898-0636	-----	87898-0656	6	-----	6	15.24	12.70	10.81	9.65	5.84	
	87898-0607	-----	-----	-----	-----	87898-0657	6	-----	6	15.24	12.70	16.47	15.31	11.50	
B															
A															
fb_frame_A3_P_AM_T Rev. F 2009/06/18						9	8	7	6	5	4	3	2	1	

SEE SHEET 21 IEC NO: S2016-0687 DRAWN: PRAMAKRI SHNA 2016/02/01 CH'KD: PRAMAKRI SHNA 2016/02/01 APPR: ISHWARG 2016/04/13 REV	QUALITY SYMBOLS F _A =0 F _E =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY YLQIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER	MOLEX INCORPORATED	SHEET NO. 3 OF 21
			± ---	± ---	CHECKED BY PTLIM	DATE 2005/03/29			
			± 0.2	± ---	APPROVED BY MLONG	DATE 2010/10/04			
			± ---	± ---	MATERIAL NO.	DOCUMENT NO.			
		ANGULAR ± 3 °		SEE TABLE		SD-87898-001			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		SIZE A3							
		B14							

	10	9	8	7	6	5	4	3	2	1					
F	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M	
	-----	-----	87898-0721	87898-0731	-----	87898-0751	7	-----	1	17.78	15.24	10.81	9.65	5.84	
	-----	-----	87898-0722	87898-0732	-----	87898-0752	7	-----	2	17.78	15.24	10.81	9.65	5.84	
	-----	-----	87898-0724	87898-0734	-----	87898-0754	7	-----	4	17.78	15.24	10.81	9.65	5.84	
	-----	-----	87898-0725	87898-0735	-----	87898-0755	7	-----	5	17.78	15.24	10.81	9.65	5.84	
	-----	-----	87898-0726	87898-0736	-----	87898-0756	7	-----	6	17.78	15.24	10.81	9.65	5.84	
E															
	-----	-----	87898-0821	87898-0831	-----	87898-0851	8	-----	1	20.32	17.78	10.81	9.65	5.84	
	-----	-----	87898-0822	87898-0832	-----	87898-0852	8	-----	2	20.32	17.78	10.81	9.65	5.84	
	-----	-----	87898-0824	87898-0834	-----	87898-0854	8	-----	4	20.32	17.78	10.81	9.65	5.84	
	-----	-----	87898-0825	87898-0835	-----	87898-0855	8	-----	5	20.32	17.78	10.81	9.65	5.84	
	-----	-----	87898-0826	87898-0836	-----	87898-0856	8	-----	6	20.32	17.78	10.81	9.65	5.84	
D	-----	-----	87898-0921	87898-0931	-----	87898-0951	9	-----	1	22.86	20.32	10.81	9.65	5.84	
	-----	-----	87898-0922	87898-0932	-----	87898-0952	9	-----	2	22.86	20.32	10.81	9.65	5.84	
	-----	-----	87898-0924	87898-0934	-----	87898-0954	9	-----	4	22.86	20.32	10.81	9.65	5.84	
	-----	-----	87898-0925	87898-0935	-----	87898-0955	9	-----	5	22.86	20.32	10.81	9.65	5.84	
C	-----	-----	87898-0926	87898-0936	-----	87898-0956	9	-----	6	22.86	20.32	10.81	9.65	5.84	
B															
A															
</															

	10	9	8	7	6	5	4	3	2	1																																																						
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																																						
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M																																																		
F	-----	-----	87898-1021	87898-1031	-----	87898-1051	10	-----	1	25.40	22.86	10.81	9.65	5.84																																																		
	-----	-----	87898-1022	87898-1032	-----	87898-1052	10	-----	2	25.40	22.86	10.81	9.65	5.84																																																		
	-----	-----	87898-1024	87898-1034	-----	87898-1054	10	-----	4	25.40	22.86	10.81	9.65	5.84																																																		
	-----	-----	87898-1025	87898-1035	-----	87898-1055	10	-----	5	25.40	22.86	10.81	9.65	5.84																																																		
	-----	-----	87898-1026	87898-1036	-----	87898-1056	10	-----	6	25.40	22.86	10.81	9.65	5.84																																																		
E																																																																
	-----	-----	87898-1121	87898-1131	-----	87898-1151	11	-----	1	27.94	25.40	10.81	9.65	5.84																																																		
	-----	-----	87898-1122	87898-1132	-----	87898-1152	11	-----	2	27.94	25.40	10.81	9.65	5.84																																																		
	-----	-----	87898-1124	87898-1134	-----	87898-1154	11	-----	4	27.94	25.40	10.81	9.65	5.84																																																		
	-----	-----	87898-1125	87898-1135	-----	87898-1155	11	-----	5	27.94	25.40	10.81	9.65	5.84																																																		
D	-----	-----	87898-1126	87898-1136	-----	87898-1156	11	-----	6	27.94	25.40	10.81	9.65	5.84																																																		
	-----	-----	87898-1221	87898-1231	-----	87898-1251	12	-----	1	30.48	27.94	10.81	9.65	5.84																																																		
	-----	-----	87898-1222	87898-1232	-----	87898-1252	12	-----	2	30.48	27.94	10.81	9.65	5.84																																																		
	-----	-----	87898-1224	87898-1234	-----	87898-1254	12	-----	4	30.48	27.94	10.81	9.65	5.84																																																		
C	-----	-----	87898-1225	87898-1235	-----	87898-1255	12	-----	5	30.48	27.94	10.81	9.65	5.84																																																		
	-----	-----	87898-1226	87898-1236	-----	87898-1256	12	-----	6	30.48	27.94	10.81	9.65	5.84																																																		
B																																																																
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<table><tr><td rowspan="5">SEE SHEET 21 EC NO: S2016-0687 DRAWN: MRAMAKRI SHINA 2016/02/01 CHKD: MRAMAKRI SHINA 2016/02/01 APPR: ISHWARG 2016/04/13</td><td rowspan="5">QUALITY SYMBOLS <div><div><div>▽=0</div></div><div><div>▽=0</div></div><div><div>▽=0</div></div></div></td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE NTS</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2"><div><div>mm</div><div>INCH</div></div></td><td colspan="2"><div><div>DRAWN BY</div><div>YLQIAO</div></div><div><div>DATE</div><div>2005/03/14</div></div></td><td colspan="4" rowspan="2">TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER</td></tr><tr><td colspan="2"><div><div>4 PLACES</div><div>± ---</div><div>± ---</div></div><div><div>3 PLACES</div><div>± ---</div><div>± ---</div></div><div><div>2 PLACES</div><div>± 0.2</div><div>± ---</div></div><div><div>1 PLACE</div><div>± ---</div><div>± ---</div></div></td><td colspan="2"><div><div>CHECKED BY</div><div>PTLIM</div></div><div><div>DATE</div><div>2005/03/29</div></div></td></tr><tr><td colspan="2">ANGULAR ± 3 °</td><td colspan="2"><div><div>APPROVED BY</div><div>MLONG</div></div><div><div>DATE</div><div>2010/10/04</div></div></td><td colspan="4" rowspan="2">MOLEX INCORPORATED</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2"><div><div>MATERIAL NO.</div><div>SEE TABLE</div></div><div><div>DOCUMENT NO.</div><div>SD-87898-001</div></div></td><td colspan="2"><div><div>SHEET NO.</div><div>5 OF 21</div></div></td></tr><tr><td colspan="2">SIZE A3</td><td colspan="12">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>															SEE SHEET 21 EC NO: S2016-0687 DRAWN: MRAMAKRI SHINA 2016/02/01 CHKD: MRAMAKRI SHINA 2016/02/01 APPR: ISHWARG 2016/04/13	QUALITY SYMBOLS <div><div><div>▽=0</div></div><div><div>▽=0</div></div><div><div>▽=0</div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		<div><div>mm</div><div>INCH</div></div>		<div><div>DRAWN BY</div><div>YLQIAO</div></div> <div><div>DATE</div><div>2005/03/14</div></div>		TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				<div><div>4 PLACES</div><div>± ---</div><div>± ---</div></div> <div><div>3 PLACES</div><div>± ---</div><div>± ---</div></div> <div><div>2 PLACES</div><div>± 0.2</div><div>± ---</div></div> <div><div>1 PLACE</div><div>± ---</div><div>± ---</div></div>		<div><div>CHECKED BY</div><div>PTLIM</div></div> <div><div>DATE</div><div>2005/03/29</div></div>		ANGULAR ± 3 °		<div><div>APPROVED BY</div><div>MLONG</div></div> <div><div>DATE</div><div>2010/10/04</div></div>		MOLEX INCORPORATED				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<div><div>MATERIAL NO.</div><div>SEE TABLE</div></div> <div><div>DOCUMENT NO.</div><div>SD-87898-001</div></div>		<div><div>SHEET NO.</div><div>5 OF 21</div></div>		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
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		<div><div>mm</div><div>INCH</div></div>		<div><div>DRAWN BY</div><div>YLQIAO</div></div> <div><div>DATE</div><div>2005/03/14</div></div>		TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER																																																										
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		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<div><div>MATERIAL NO.</div><div>SEE TABLE</div></div> <div><div>DOCUMENT NO.</div><div>SD-87898-001</div></div>						<div><div>SHEET NO.</div><div>5 OF 21</div></div>																																																						
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fb_frame_A3_P_AM_T Rev. F 2009/06/18	9	8	7	6	5	4	3	2	1																																																							

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		PACKAGING OPTION PART NO.										CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION														
		TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP	A							B	G	F	M											
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		-----	-----	87898-1322	87898-1332	-----	87898-1352	13	-----	2	33.02	30.48	10.81	9.65	5.84														
		-----	-----	87898-1324	87898-1334	-----	87898-1354	13	-----	4	33.02	30.48	10.81	9.65	5.84														
		-----	-----	87898-1325	87898-1335	-----	87898-1355	13	-----	5	33.02	30.48	10.81	9.65	5.84														
		-----	-----	87898-1326	87898-1336	-----	87898-1356	13	-----	6	33.02	30.48	10.81	9.65	5.84														
E		-----	-----	87898-1421	87898-1431	-----	87898-1451	14	-----	1	35.56	33.02	10.81	9.65	5.84														
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		-----	-----	87898-1424	87898-1434	-----	87898-1454	14	-----	4	35.56	33.02	10.81	9.65	5.84														
		-----	-----	87898-1425	87898-1435	-----	87898-1455	14	-----	5	35.56	33.02	10.81	9.65	5.84														
		-----	-----	87898-1426	87898-1436	-----	87898-1456	14	-----	6	35.56	33.02	10.81	9.65	5.84														
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		-----	-----	87898-1522	87898-1532	-----	87898-1552	15	-----	2	38.10	35.56	10.81	9.65	5.84														
		-----	-----	87898-1524	87898-1534	-----	87898-1554	15	-----	4	38.10	35.56	10.81	9.65	5.84														
C		-----	-----	87898-1525	87898-1535	-----	87898-1555	15	-----	5	38.10	35.56	10.81	9.65	5.84														
		-----	-----	87898-1526	87898-1536	-----	87898-1556	15	-----	6	38.10	35.56	10.81	9.65	5.84														
B																													
A																													
		SEE SHEET 21		EC NO: S2016-0687		DRAWN:MRAMAKRI SHINA 2016/02/01		CHKD:MRAMAKRI SHINA 2016/02/01		APPR: ISHWARG 2016/04/13		REV		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION					
														F=0		mm INCH		MM ONLY		NTS		METRIC							
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														F=0		3 PLACES ± --- ± ---		CHECKED BY DATE											
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																1 PLACE ± --- ± ---		APPROVED BY DATE											
																ANGULAR ± 3 °		MLONG 2010/10/04											
																		MATERIAL NO.		DOCUMENT NO.				SHEET NO.					
																DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87898-001				6 OF 21					
																SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
		A3																											


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Rev. F 2009/06/18

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	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M				
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	-----	-----	87898-1922	87898-1932	-----	87898-1952	19	-----	2	48.26	45.72	10.81	9.65	5.84				
	-----	-----	87898-1924	87898-1934	-----	87898-1954	19	-----	4	48.26	45.72	10.81	9.65	5.84				
E	-----	-----	87898-1925	87898-1935	-----	87898-1955	19	-----	5	48.26	45.72	10.81	9.65	5.84	E			
	-----	-----	87898-1926	87898-1936	-----	87898-1956	19	-----	6	48.26	45.72	10.81	9.65	5.84				
	-----	-----	87898-2021	87898-2031	-----	87898-2051	20	-----	1	50.80	48.26	10.81	9.65	5.84				
	-----	-----	87898-2022	87898-2032	-----	87898-2052	20	-----	2	50.80	48.26	10.81	9.65	5.84				
D	-----	-----	87898-2024	87898-2034	-----	87898-2054	20	-----	4	50.80	48.26	10.81	9.65	5.84	D			
	-----	-----	87898-2025	87898-2035	-----	87898-2055	20	-----	5	50.80	48.26	10.81	9.65	5.84				
	-----	-----	87898-2026	87898-2036	-----	87898-2056	20	-----	6	50.80	48.26	10.81	9.65	5.84				
C	-----	-----	87898-2121	87898-2131	-----	87898-2151	21	-----	1	53.34	50.80	10.81	9.65	5.84	C			
	-----	-----	87898-2122	87898-2132	-----	87898-2152	21	-----	2	53.34	50.80	10.81	9.65	5.84				
	-----	-----	87898-2124	87898-2134	-----	87898-2154	21	-----	4	53.34	50.80	10.81	9.65	5.84				
	-----	-----	87898-2125	87898-2135	-----	87898-2155	21	-----	5	53.34	50.80	10.81	9.65	5.84				
	-----	-----	87898-2126	87898-2136	-----	87898-2156	21	-----	6	53.34	50.80	10.81	9.65	5.84				
B																B		
A																A		
SEE SHEET 21 IEC NO: S2016-0687 DRWN:MRAMAKRI SHNA 2016/02/01 CHKD:MRAMAKRI SHNA 2016/02/01 APPR: ISHWARG 2016/04/13							REV	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_G=0$ $\nabla_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
										mm	INCH	DRAWN BY YLOIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				
									4 PLACES	± ---	± ---	CHECKED BY PTLIM	DATE 2005/03/29					
									3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/10/04	MOLEX INCORPORATED				
									2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE						
									1 PLACE	± ---	± ---							
									ANGULAR ± 3 °			DOCUMENT NO. SD-87898-001						
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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	9	8	7	6	5	4	3	2	1									

	10	9	8	7	6	5	4	3	2	1																																														
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																														
F	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M		F																																								
	-----	-----	87898-2221	87898-2231	-----	-----	22	----	1	55.88	53.34	10.81	9.65	5.84																																										
	-----	-----	87898-2222	87898-2232	-----	-----	22	----	2	55.88	53.34	10.81	9.65	5.84																																										
	-----	-----	87898-2224	87898-2234	-----	-----	22	----	4	55.88	53.34	10.81	9.65	5.84																																										
	-----	-----	87898-2225	87898-2235	-----	-----	22	----	5	55.88	53.34	10.81	9.65	5.84	E																																									
	-----	-----	87898-2226	87898-2236	-----	-----	22	----	6	55.88	53.34	10.81	9.65	5.84																																										
E															E																																									
	-----	-----	87898-2321	87898-2331	-----	-----	23	----	1	58.42	55.88	10.81	9.65	5.84																																										
	-----	-----	87898-2322	87898-2332	-----	-----	23	----	2	58.42	55.88	10.81	9.65	5.84																																										
	-----	-----	87898-2324	87898-2334	-----	-----	23	----	4	58.42	55.88	10.81	9.65	5.84	D																																									
	-----	-----	87898-2325	87898-2335	-----	-----	23	----	5	58.42	55.88	10.81	9.65	5.84																																										
D	-----	-----	87898-2326	87898-2336	-----	-----	23	----	6	58.42	55.88	10.81	9.65	5.84	D																																									
	-----	-----	87898-2421	87898-2431	-----	-----	24	----	1	60.96	58.42	10.81	9.65	5.84																																										
	-----	-----	87898-2422	87898-2432	-----	-----	24	----	2	60.96	58.42	10.81	9.65	5.84																																										
	-----	-----	87898-2424	87898-2434	-----	-----	24	----	4	60.96	58.42	10.81	9.65	5.84																																										
C	-----	-----	87898-2425	87898-2435	-----	-----	24	----	5	60.96	58.42	10.81	9.65	5.84	C																																									
	-----	-----	87898-2426	87898-2436	-----	-----	24	----	6	60.96	58.42	10.81	9.65	5.84																																										
B															B																																									
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SEE SHEET 21 EC NO: S2016-0687 DRAWN: MRAMAKRI SHINA 2016/02/01 CHKD: MRAMAKRI SHINA 2016/02/01 APPR: ISHWARG 2016/04/13	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																																														
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MATERIAL NO.		DOCUMENT NO.		SHEET NO.																																																				
B14		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87898-001		9 OF 21																																																
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fb_frame_A3_P_AM_T Rev. F 2009/06/18	9	8	7	6	5	4	3	2	1																																															

	10	9	8	7	6	5	4	3	2	1													
	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION													
F	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M									
	-----	-----	87898-2521	87898-2531	-----	-----	25	----	1	63.50	60.96	10.81	9.65	5.84	F								
	-----	-----	87898-2522	87898-2532	-----	-----	25	----	2	63.50	60.96	10.81	9.65	5.84									
	-----	-----	87898-2524	87898-2534	-----	-----	25	----	4	63.50	60.96	10.81	9.65	5.84									
	-----	-----	87898-2525	87898-2535	-----	-----	25	----	5	63.50	60.96	10.81	9.65	5.84									
	-----	-----	87898-2526	87898-2536	-----	-----	25	----	6	63.50	60.96	10.81	9.65	5.84									
E															E								
	-----	-----	87898-2621	87898-2631	-----	-----	26	----	1	66.04	63.50	10.81	9.65	5.84									
	-----	-----	87898-2622	87898-2632	-----	-----	26	----	2	66.04	63.50	10.81	9.65	5.84									
	-----	-----	87898-2624	87898-2634	-----	-----	26	----	4	66.04	63.50	10.81	9.65	5.84									
	-----	-----	87898-2625	87898-2635	-----	-----	26	----	5	66.04	63.50	10.81	9.65	5.84									
D	-----	-----	87898-2626	87898-2636	-----	-----	26	----	6	66.04	63.50	10.81	9.65	5.84	D								
	-----	-----	87898-2721	87898-2731	-----	-----	27	----	1	68.58	66.04	10.81	9.65	5.84									
	-----	-----	87898-2722	87898-2732	-----	-----	27	----	2	68.58	66.04	10.81	9.65	5.84									
	-----	-----	87898-2724	87898-2734	-----	-----	27	----	4	68.58	66.04	10.81	9.65	5.84									
C	-----	-----	87898-2725	87898-2735	-----	-----	27	----	5	68.58	66.04	10.81	9.65	5.84	C								
	-----	-----	87898-2726	87898-2736	-----	-----	27	----	6	68.58	66.04	10.81	9.65	5.84									
B																B							
A																A							
		SEE SHEET 21		EC NO: S2016-0687		DRAWN: MRAMAKRI SHINA 2016/02/01		CHKD: MRAMAKRI SHINA 2016/02/01		APPR: ISHWARG 2016/04/13		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
												F=0		mm INCH		DRAWN BY DATE YLQIAO 2005/03/14		TITLE					
												F=0		4 PLACES ± --- ± ---		CHECKED BY DATE PTLIM 2005/03/29		CUSTOM HEADER					
												F=0		3 PLACES ± --- ± ---		APPROVED BY DATE MLONG 2010/10/04		2.54MM PITCH SINGLE ROW					
														2 PLACES ± 0.2 ± ---				SINGLE WAFER SMT HEADER					
														1 PLACE ± --- ± ---				MOLEX INCORPORATED					
														ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
														DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87898-001		10 OF 21			
														SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9	8	7	6	5	4	3	2	1													

	10	9	8	7	6	5	4	3	2	1											
F	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION											
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M							
	-----	-----	87898-2821	87898-2831	-----	-----	28	-----	1	71.12	68.58	10.81	9.65	5.84	F						
	-----	-----	87898-2822	87898-2832	-----	-----	28	-----	2	71.12	68.58	10.81	9.65	5.84							
	-----	-----	87898-2824	87898-2834	-----	-----	28	-----	4	71.12	68.58	10.81	9.65	5.84							
	-----	-----	87898-2825	87898-2835	-----	-----	28	-----	5	71.12	68.58	10.81	9.65	5.84							
	-----	-----	87898-2826	87898-2836	-----	-----	28	-----	6	71.12	68.58	10.81	9.65	5.84							
E															E						
	-----	-----	87898-2921	87898-2931	-----	-----	29	-----	1	73.66	71.12	10.81	9.65	5.84	D						
	-----	-----	87898-2922	87898-2932	-----	-----	29	-----	2	73.66	71.12	10.81	9.65	5.84							
	-----	-----	87898-2924	87898-2934	-----	-----	29	-----	4	73.66	71.12	10.81	9.65	5.84							
	-----	-----	87898-2925	87898-2935	-----	-----	29	-----	5	73.66	71.12	10.81	9.65	5.84							
	-----	-----	87898-2926	87898-2936	-----	-----	29	-----	6	73.66	71.12	10.81	9.65	5.84							
															C						
	-----	-----	87898-3021	87898-3031	-----	-----	30	-----	1	76.20	73.66	10.81	9.65	5.84							
	-----	-----	87898-3022	87898-3032	-----	-----	30	-----	2	76.20	73.66	10.81	9.65	5.84							
	-----	-----	87898-3024	87898-3034	-----	-----	30	-----	4	76.20	73.66	10.81	9.65	5.84							
	-----	-----	87898-3025	87898-3035	-----	-----	30	-----	5	76.20	73.66	10.81	9.65	5.84							
	-----	-----	87898-3026	87898-3036	-----	-----	30	-----	6	76.20	73.66	10.81	9.65	5.84							
B																B					
A																A					
		SEE SHEET 21		REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
		EC NO: S2016--0687		DRWN:MRAKRI SHNA 2016/02/01		CHKD:MRAKRI SHNA 2016/02/01		APPR: ISHWARG 2016/04/13		=0		4 PLACES ± --- ± ---		DRAWN BY YLQIAO DATE 2005/03/14		TITLE		CUSTOM HEADER			
										=0		3 PLACES ± --- ± ---		CHECKED BY PTLIM DATE 2005/03/29		2.54MM PITCH SINGLE ROW					
										=0		2 PLACES ± 0.2 ± ---		APPROVED BY MLONG DATE 2010/10/04		MOLEX INCORPORATED					
										ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87898-001		SHEET NO. 11 OF 21			
		B14										SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9	8	7	6	5	4	3	2	1											

	10	9	8	7	6	5	4	3	2	1									
F	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					F				
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M					
	-----	-----	87898-3121	87898-3131	-----	-----	31	-----	1	78.74	76.20	10.81	9.65	5.84					
	-----	-----	87898-3122	87898-3132	-----	-----	31	-----	2	78.74	76.20	10.81	9.65	5.84					
E	-----	-----	87898-3124	87898-3134	-----	-----	31	-----	4	78.74	76.20	10.81	9.65	5.84	E				
	-----	-----	87898-3125	87898-3135	-----	-----	31	-----	5	78.74	76.20	10.81	9.65	5.84					
	-----	-----	87898-3126	87898-3136	-----	-----	31	-----	6	78.74	76.20	10.81	9.65	5.84					
D	-----	-----	87898-3221	87898-3231	-----	-----	32	-----	1	81.28	78.74	10.81	9.65	5.84	D				
	-----	-----	87898-3222	87898-3232	-----	-----	32	-----	2	81.28	78.74	10.81	9.65	5.84					
	-----	-----	87898-3224	87898-3234	-----	-----	32	-----	4	81.28	78.74	10.81	9.65	5.84					
	-----	-----	87898-3225	87898-3235	-----	-----	32	-----	5	81.28	78.74	10.81	9.65	5.84					
C	-----	-----	87898-3226	87898-3236	-----	-----	32	-----	6	81.28	78.74	10.81	9.65	5.84	C				
	-----	-----	87898-3321	87898-3331	-----	-----	33	-----	1	83.82	81.28	10.81	9.65	5.84					
B	-----	-----	87898-3322	87898-3332	-----	-----	33	-----	2	83.82	81.28	10.81	9.65	5.84	B				
	-----	-----	87898-3324	87898-3334	-----	-----	33	-----	4	83.82	81.28	10.81	9.65	5.84					
	-----	-----	87898-3325	87898-3335	-----	-----	33	-----	5	83.82	81.28	10.81	9.65	5.84					
	-----	-----	87898-3326	87898-3336	-----	-----	33	-----	6	83.82	81.28	10.81	9.65	5.84					
A							SEE SHEET 21 EC NO: S2016-0687 DRWN:MRAYAKRI SHNA 2016/02/01 CHKD:MRAYAKRI SHNA 2016/02/01 APPR: ISHWARG 2016/04/13 REV	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES \pm 0.2 \pm --- 1 PLACE \pm --- \pm --- ANGULAR \pm 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BYDATE YLOIAO2005/03/14 CHECKED BYDATE PTLIM2005/03/29 APPROVED BYDATE MLONG2010/10/04 MATERIAL NO. SEE TABLE	SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER MOLEX INCORPORATED DOCUMENT NO. SD-87898-001 SHEET NO. 12 OF 21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	A			
fb_frame_A3_P_AM_T Rev. F 2009/06/18											9	8	7	6	5	4	3	2	1

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

	10	9	8	7	6	5	4	3	2	1											
F	PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION											
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP				A	B	G	F	M							
	-----	-----	87898-3721	87898-3731	-----	-----	37	-----	1	93.98	91.44	10.81	9.65	5.84	F						
	-----	-----	87898-3722	87898-3732	-----	-----	37	-----	2	93.98	91.44	10.81	9.65	5.84							
	-----	-----	87898-3724	87898-3734	-----	-----	37	-----	4	93.98	91.44	10.81	9.65	5.84							
	-----	-----	87898-3725	87898-3735	-----	-----	37	-----	5	93.98	91.44	10.81	9.65	5.84							
	-----	-----	87898-3726	87898-3736	-----	-----	37	-----	6	93.98	91.44	10.81	9.65	5.84							
E															E						
	-----	-----	87898-3821	87898-3831	-----	-----	38	-----	1	96.52	93.98	10.81	9.65	5.84							
	-----	-----	87898-3822	87898-3832	-----	-----	38	-----	2	96.52	93.98	10.81	9.65	5.84							
	-----	-----	87898-3824	87898-3834	-----	-----	38	-----	4	96.52	93.98	10.81	9.65	5.84							
	-----	-----	87898-3825	87898-3835	-----	-----	38	-----	5	96.52	93.98	10.81	9.65	5.84							
D	-----	-----	87898-3826	87898-3836	-----	-----	38	-----	6	96.52	93.98	10.81	9.65	5.84	D						
	-----	-----	87898-3921	87898-3931	-----	-----	39	-----	1	99.06	96.52	10.81	9.65	5.84							
	-----	-----	87898-3922	87898-3932	-----	-----	39	-----	2	99.06	96.52	10.81	9.65	5.84							
	-----	-----	87898-3924	87898-3934	-----	-----	39	-----	4	99.06	96.52	10.81	9.65	5.84							
C	-----	-----	87898-3925	87898-3935	-----	-----	39	-----	5	99.06	96.52	10.81	9.65	5.84	C						
	-----	-----	87898-3926	87898-3936	-----	-----	39	-----	6	99.06	96.52	10.81	9.65	5.84							
B																B					
A																A					
SEE SHEET 21 EC NO: S2016-0687 DRAWN:IRAMAKRI SHNA 2016/02/01 CHKD:IRAMAKRI SHNA 2016/02/01 APPR: I SHWARG 2016/04/13 B14							REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER MOLEX INCORPORATED	DOCUMENT NO. SD-87898-001	SHEET NO. 14 OF 21	
F _A =0		F _G =0		F _P =0		4 PLACES ± --- ± ---		mm INCH		DRAWN BY DATE YLQIAO 2005/03/14		CHECKED BY DATE PTLIM 2005/03/29		APPROVED BY DATE MLONG 2010/10/04		MATERIAL NO.					SEE TABLE
										ANGULAR ± 3 °											
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9	8	7	6	5	4	3	2	1											

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10

9

8

7

6

5

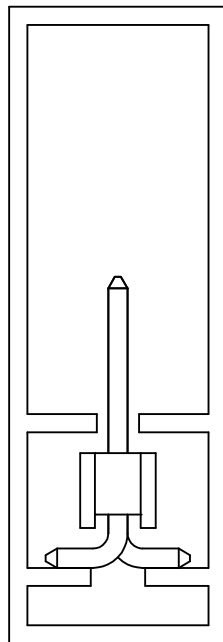
4

3

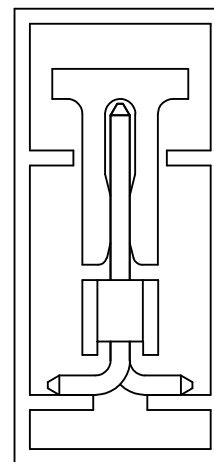
2

1

PART WITHOUT CAP
IN TUBE ORIENTATION



PART WITH CAP
IN TUBE ORIENTATION



SEE SHEET 21 EC NO: S2016-0687 DRAWN: MRAMAKRI SHNA 2016/02/01 CHKD: MRAMAKRI SHNA 2016/02/01 APPR: JSHWARG 2016/04/13	DESCRIPTION REV	QUALITY SYMBOLS <div><div><div>▽_A=0</div><div>▽_B=0</div><div>▽_C=0</div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	<div><div></div><div></div></div> THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY YLQIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER			
			4 PLACES	± ---	± ---	CHECKED BY PTLIM	DATE 2005/03/29				
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/10/04	<div><div></div></div> MOLEX INCORPORATED			
			2 PLACES	± 0.2	± ---	MATERIAL NO.				DOCUMENT NO.	SHEET NO.
			1 PLACE	± ---	± ---	SEE TABLE		SD-87898-001		16 OF 21	
			ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			B14								

9

8

7

6

5

4

3

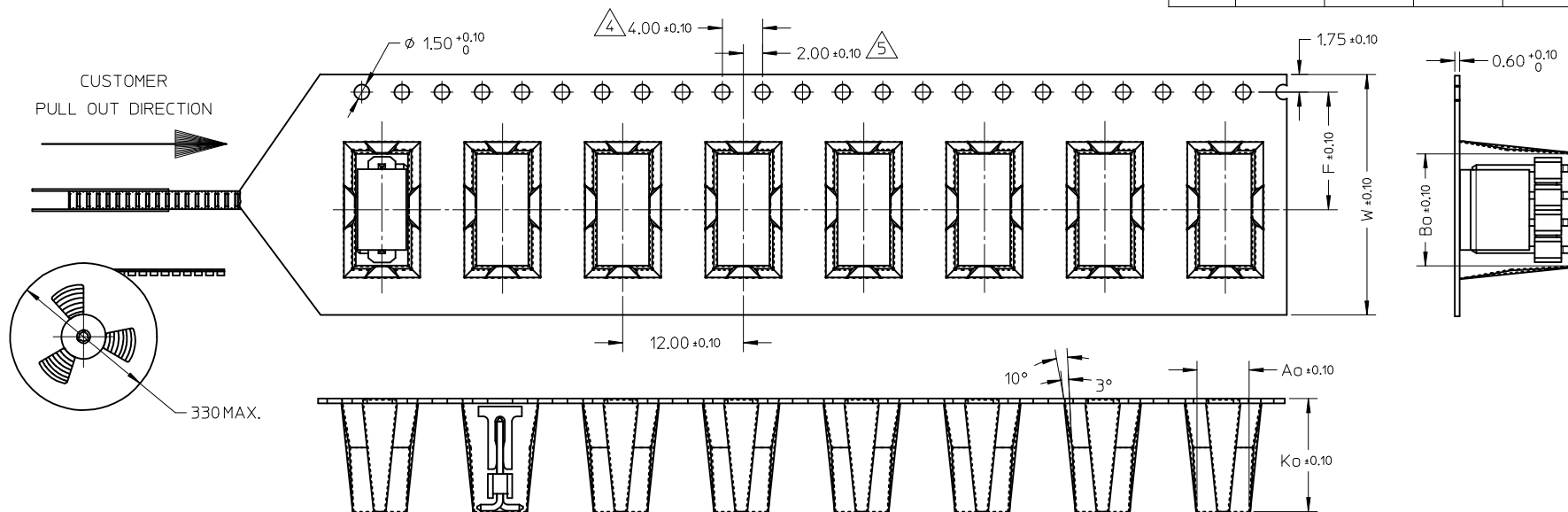
2

1

10 9 8 7 6 5 4 3 2 1

CKT	DIMENSION				
	Bo	Ao	Ko	F	W
2	8.02	5.20	13.60	11.50	24.00
3	8.02	5.20	13.60	11.50	24.00
4	10.55	5.20	11.30	11.50	24.00

EMBOSSED CARRIER TYPE 'A'



NOTES:

1. LEADER AND TRAILER TAPE

160 MIN. TOP TAPE TRAILER

390 MIN TOP TAPE NON BONDED TAPE

160 MIN. TAIL PART (EMPTY)

230 MIN. LEADER PART (EMPTY)

2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

PEEL OFF DIRECTION

15° MAX.

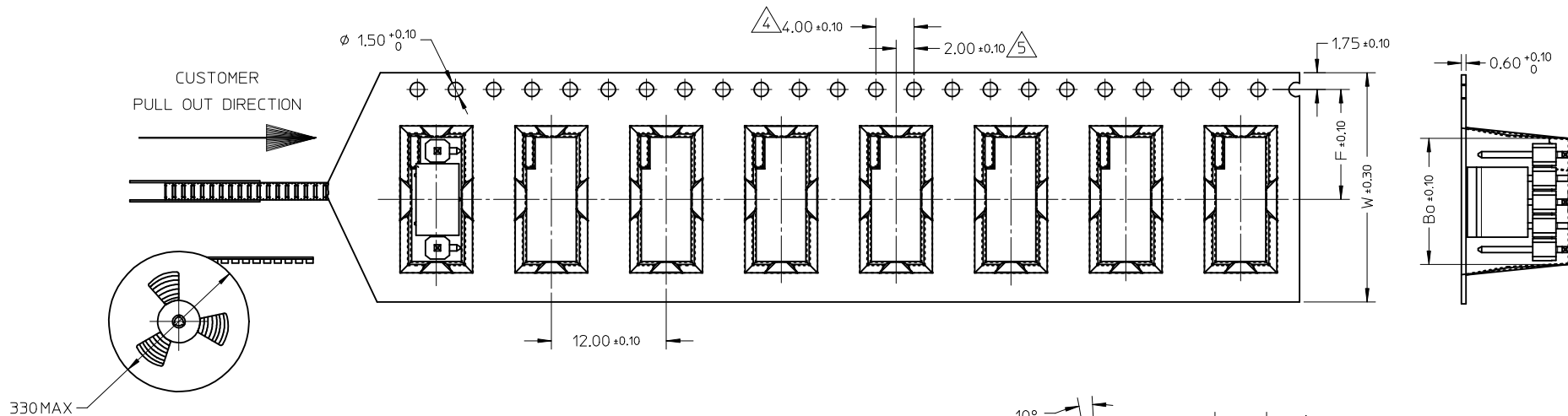
PULL OUT DIRECTION

3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK
4. MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
5. CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS $\pm 0.20\text{mm}$
6. AO AND BO ARE MEASURED FROM ABOVE POCKET BASE 0.30mm
7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
8. TAPE AND REEL QUANTITY : 440PCS/REEL
9. THE TAPE IS TREATED FOR ANTI-STATIC.
10. ALL RADIUS ARE 0.30MM UNLESS SPECIFY
11. SURFACE RESISTIVITY 10^3 TO 10^9 OHMS.

SEE SHEET 21 EC NO: S2016-0687 DRAWN: RAMAKRISHNA 2016/02/01 CHKD: RAMAKRISHNA 2016/02/01 APPR: SHWARG 2016/04/13	QUALITY SYMBOLS <div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div><div><div><div></div></div><div><div></div></div></div></div>	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	<div><div></div><div></div></div> THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY YLOIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY PTLIM	DATE 2005/03/29			
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/10/04			
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87898-001			
B14	REV		1 PLACE	± ---	± ---	ANGULAR ± 3 °		SHEET NO. 17 OF 21		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

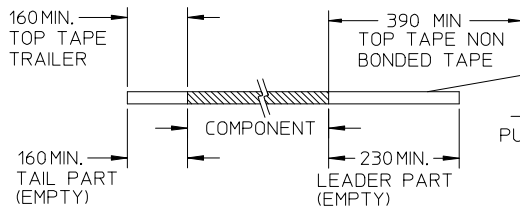
10 9 8 7 6 5 4 3 2 1

CKT	DIMENSION				
	Bo	Ao	Ko	F	W
5	13.10	5.20	11.30	11.50	24.00

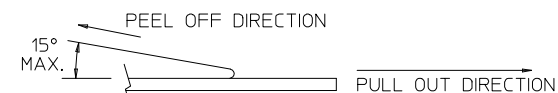


NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK
4. MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
5. CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS $\pm 0.20\text{mm}$
6. A0 AND B0 ARE MEASURED FROM ABOVE SPOCKET BASE 0.30mm
7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
8. TAPE AND REEL QUANTITY : 440PCS/REEL
9. THE TAPE IS TREATED FOR ANTI-STATIC.
10. ALL RADIUS ARE 0.30mm UNLESS SPECIFY
11. SURFACE RESISTIVITY 10^3 TO 10^9 OHMS.

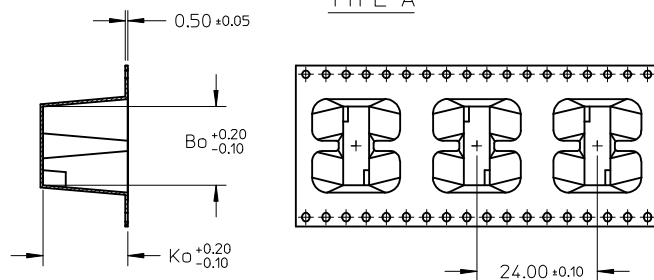
PART PACK
IN E/TAPE
ORIENTATION
(FOR REF USE)

SEE SHEET 21 EC NO: S2016-0687 DRAWN:MMAMAKRI /SHINA 2016/02/01 CHKD:MMAMAKRI /SHINA 2016/02/01 APPR: I SHWARG 2016/04/13	DESCRIPTION	QUALITY SYMBOLS <div><div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div><div><div></div></div><div><div></div></div><div><div></div></div></div><div><div><div><div></div></div><div><div></div></div><div><div></div></div></div></div></div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY YLO1A0	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER					
					CHECKED BY PTLIM	DATE 2005/03/29						
					APPROVED BY MLONG	DATE 2010/10/04	molex MOLEX INCORPORATED DOCUMENT NO. SD-87898-001					
					MATERIAL NO.							
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
B14	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NO. 18 OF 21					

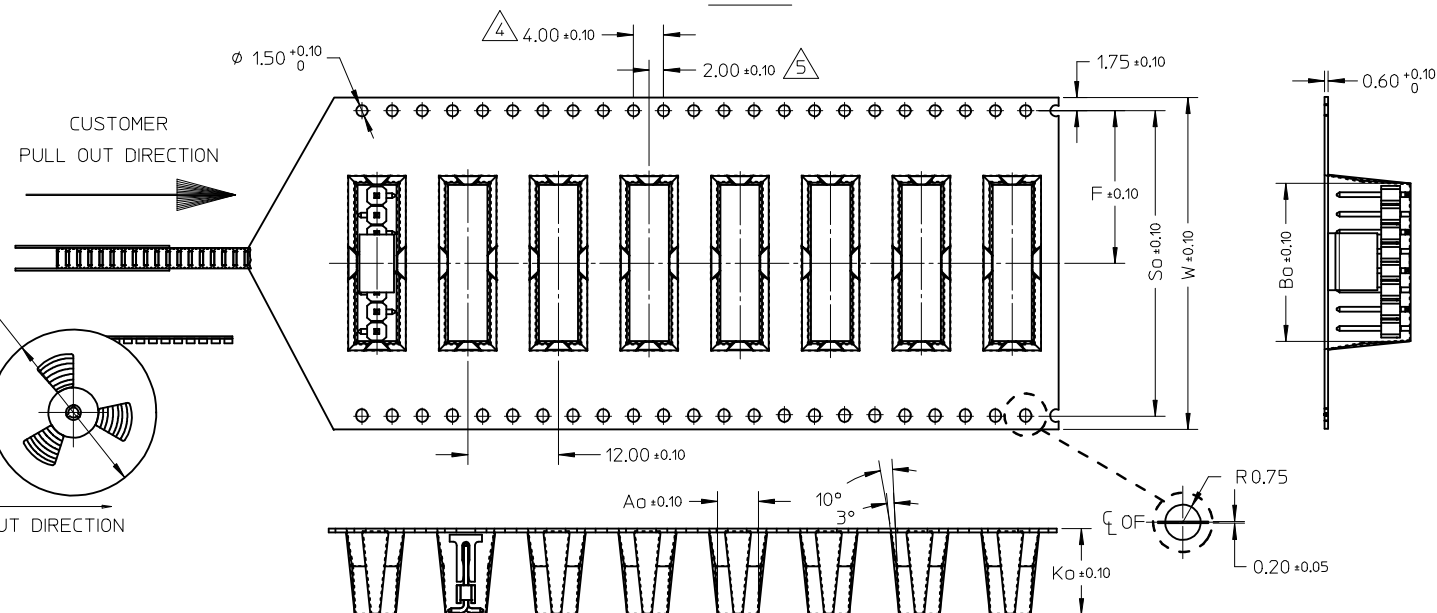
10 9 8 7 6 5 4 3 2 1

CKT	DIMENSION							TYPE	QTY/ REEL
	M	Bo	So	Ao	Ko	F	W		
6	11.50	15.65	28.40	5.20	16.90	14.20	32.00	A	150
6	5.84	15.65	28.40	5.20	11.30	14.20	32.00	B	440
8		20.70	40.40	5.20	11.30	20.20	44.00		
10		25.80	40.40	5.20	11.30	20.20	44.00		
12		30.90	52.40	5.20	11.30	26.20	56.00		
14		35.95	52.40	5.20	11.30	26.20	56.00		
16		41.05	52.40	5.20	11.30	26.20	56.00		
18		46.20	68.40	5.20	11.30	34.20	72.00		
20		51.20	68.40	5.20	11.30	34.20	72.00		

TYPE A



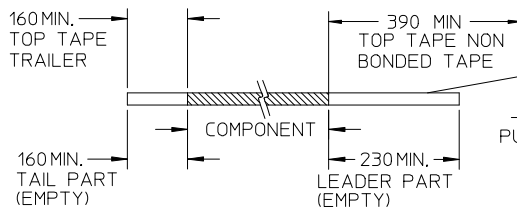
TYPE B



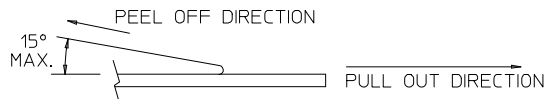
PART PACK IN E/TAPE ORIENTATION(FOR REF USE)

NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

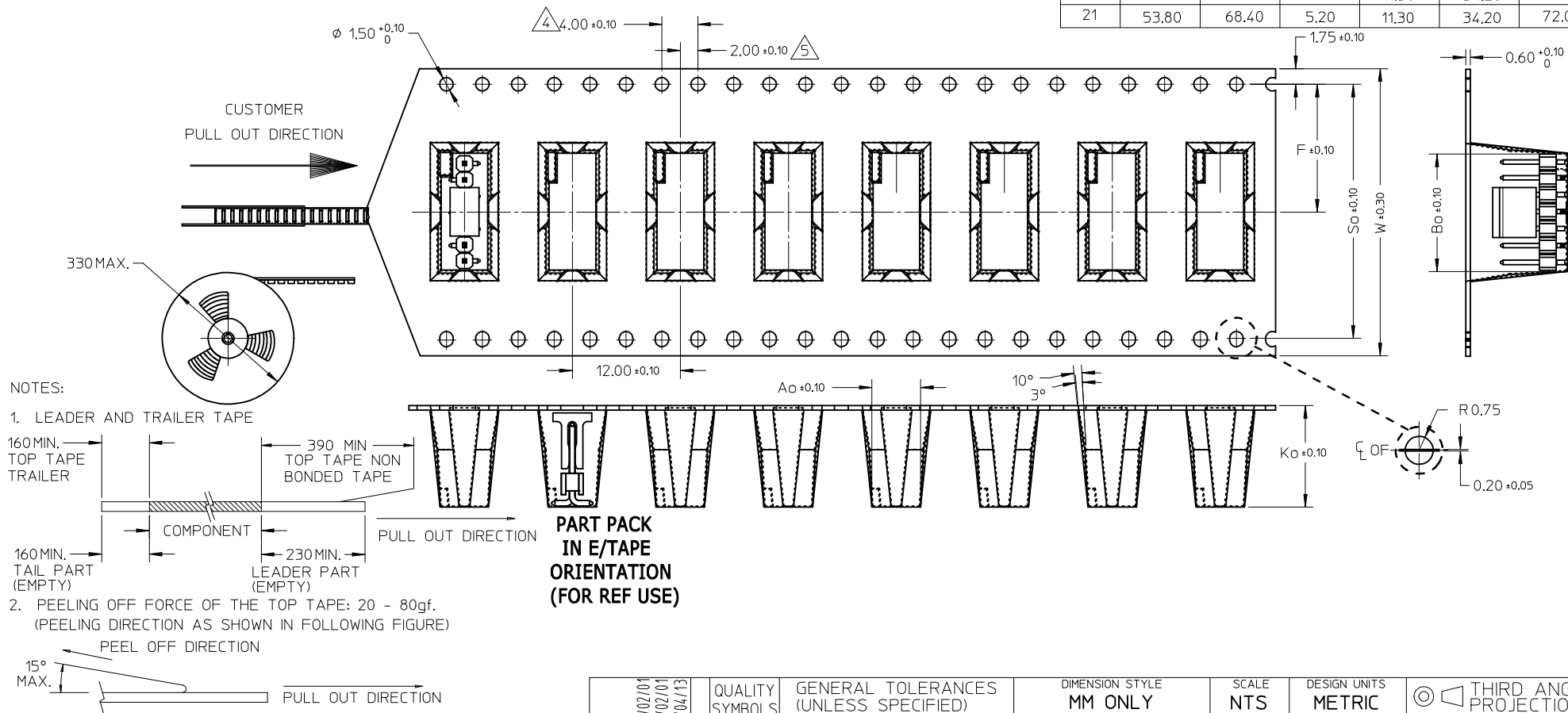


3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK
4. MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
5. CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS ±0.20mm
6. AO AND BO ARE MEASURED FROM ABOVE POCKET BASE 0.30mm
7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
8. TAPE AND REEL QUANTITY : SEE TABLE
9. THE TAPE IS TREATED FOR ANTI-STATIC.
10. ALL RADIUS ARE 0.30MM UNLESS SPECIFY
11. SURFACE RESISTIVITY 10³ TO 10 OHMS.

SEE SHEET 21 EC NO: S2016-0687 DRW:MRAMAKRI SHINA 2016/02/01 CHKD:MRAMAKRI SHINA 2016/02/01 APPR: ISHWARG 2016/04/13 REV B14	DESCRIPTION	QUALITY SYMBOLS <div>F A = 0</div> <div>F C = 0</div> <div>F P = 0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY YLQIAO	DATE 2005/03/14	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				
			4 PLACES ± ---	± ---	CHECKED BY PTL IM	DATE 2005/03/29					
			3 PLACES ± ---	± ---	APPROVED BY MLONG	DATE 2010/10/04					
			2 PLACES ± 0.2	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87898-001		SHEET NO. 19 OF 21		
			1 PLACE ± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			ANGULAR ± 3 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

9 8 7 6 5 4 3 2 1

CKT	DIMENSION					
	Bo	So	Ao	Ko	F	W
7	18.20	40.40	5.20	11.30	20.20	44.00
9	23.25	40.40	5.20	11.30	20.20	44.00
11	28.35	40.40	5.20	11.30	20.20	44.00
13	33.40	52.40	5.20	11.30	26.20	56.00
15	38.50	52.40	5.20	11.30	26.20	56.00
17	43.60	68.40	5.20	11.30	34.20	72.00
19	48.70	68.40	5.20	11.30	34.20	72.00
21	53.80	68.40	5.20	11.30	34.20	72.00



SEE SHEET 21 EC NO: S2016-0687 DRAWN: MR. AKRISHNA 2016/02/01 CHKD: MR. AKRISHNA 2016/02/01 APPR: ISHWARG 2016/04/13 REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		$\nabla F=0$ $\nabla C=0$ $\nabla P=0$		mm	INCH	DRAWN BY	DATE	TITLE CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER MOLEX MOLEX INCORPORATED						
			4 PLACES	$\pm---$	$\pm---$	YLOIAO	2005/03/14							
			3 PLACES	$\pm---$	$\pm---$	CHECKED BY	DATE							
			2 PLACES	± 0.2	$\pm---$	PTLIM	2005/03/29							
			1 PLACE	$\pm---$	$\pm---$	APPROVED BY	DATE							
				ANGULAR $\pm 3^\circ$		MLONG	2010/10/04	MOLEX MOLEX INCORPORATED						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.						DOCUMENT NO.		SHEET NO.
						SEE TABLE						SD-87898-001		20 OF 21
		B14	REV					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

F

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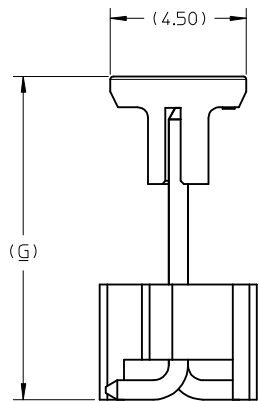
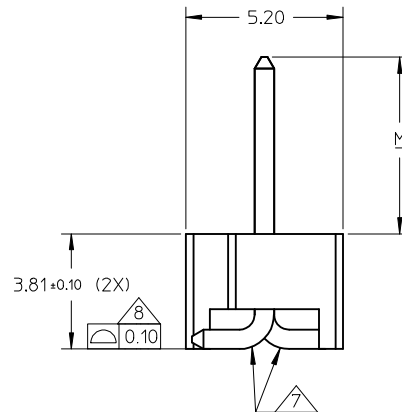
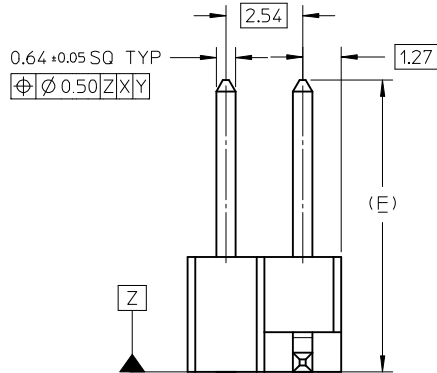
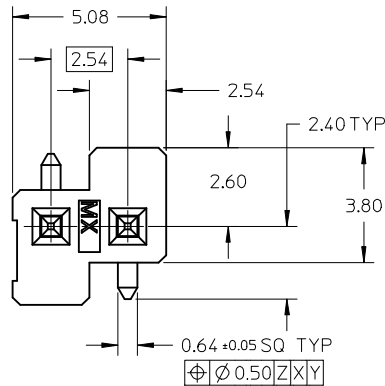
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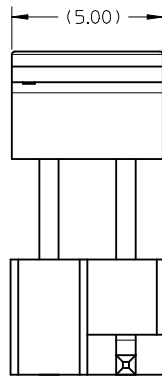
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CONN WITH CAP



CONN WITH CAP

PACKAGING OPTION PART NO.

TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP	CKT SIZE	PLATING TYPE	DIMENSION		
-----	-----	-----	-----	-----	-----			G	F	M
-----	-----	-----	-----	-----	87898-0218	2	4	10.69	9.65	5.84
-----	-----	-----	-----	-----	87898-0219	2	6	10.69	9.65	5.84

NOTES:

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK

CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK

PIN: 0.64MM SQ, COPPER ALLOY

2. PLATING TYPE:

(1) GOLD FLASH OVER

1.25µm MIN. NICKEL OVERALL.

(2) GOLD FLASH ON CONTACT AND

2.50µm MIN. TIN ON SOLDER TAIL OVER

1.25µm MIN. NICKEL OVERALL.

(4) 0.38µm MIN. GOLD PLATE ON CONTACT AND

2.00µm MIN. TIN ON SOLDER TAIL OVER

1.25µm MIN. NICKEL OVERALL.

(5) 0.75µm MIN. GOLD PLATE ON CONTACT AND

2.00µm MIN. TIN ON SOLDER TAIL OVER

1.25µm MIN. NICKEL OVERALL.

(6) 2.50µm MIN. TIN OVERALL

1.25µm MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-87920-019

4. PACKAGING TYPE: SEE TABLE

5. PACKAGING SPEC:

TUBE WITH CAP VERSION: PK-89990-558

TUBE W/O CAP VERSION: PK-89990-545

EMBOSS TAPE WITH CAP: PK-87898-400

6. WAFER TO BE FLAT WITHIN 0.003 mm/mm

7. BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL

8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE

9. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE

10. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10

ONLY APPLICABLE TO 2CKT SIZE

NEW P/N 87898-0219 ADDED EC NO: S2016-0687 DRAWN:RAMAKRI SHINA 2016/02/01 CHKD:RAMAKRI SHINA 2016/02/01 APPR: ISHWARG 2016/04/13	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION					
						MM ONLY		NTS	METRIC						
				$F_A=0$	mm	INCH	DRAWN BY	DATE	CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER molex						
				$F_G=0$	4 PLACES	± ---	± ---	Y LQ I A O							2005/03/14
				$F_P=0$	3 PLACES	± ---	± ---	CHECKED BY							DATE
					2 PLACES	± 0.2	± ---	PTL I M							2005/03/29
					1 PLACE	± ---	± ---	APPROVED BY	DATE	SD-87898-001					
					0 PLACE	±	±	M L O N G	2010/10/04						
					ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		21 OF 21				
			SIZE A3												

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PACKAGING OPTION PART NO.

TRAY
WITHOUT CAPTUBE
WITHOUT CAPTUBE
WITH CAPTAPE & REEL
WITHOUT CAPTAPE & REEL
WITH CAPCKT
SIZEPLATING
TYPE

DIMENSION

G

F

M

87898-0220

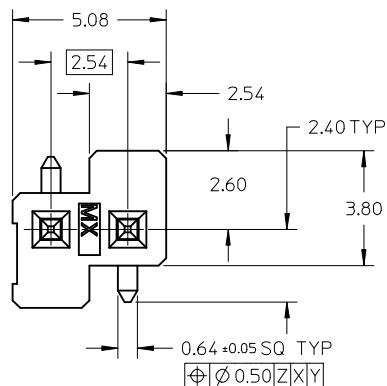
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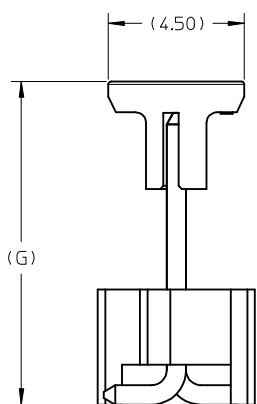
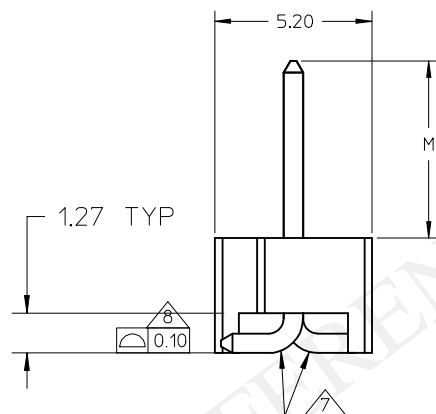
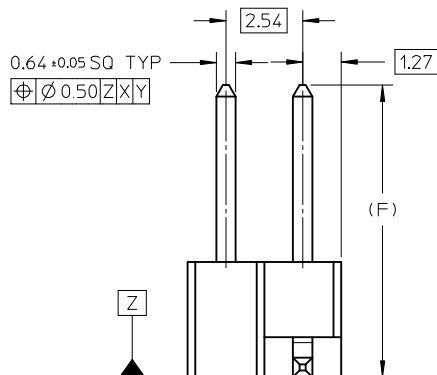
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9.60

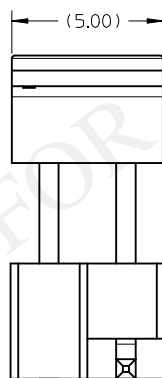
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ONLY APPLICABLE TO 2CKT SIZE



CONN WITH CAP



CONN WITH CAP

NOTES:

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK

CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK

PIN: 0.64MM SQ, COPPER ALLOY

2. PLATING TYPE:

(1) GOLD FLASH OVER

1.25μm MIN. NICKEL OVERALL.

(2) GOLD FLASH ON CONTACT AND

2.50μm MIN. TIN ON SOLDER TAIL OVER

1.25μm MIN. NICKEL OVERALL.

(4) 0.38μm MIN. GOLD PLATE ON CONTACT AND

2.00μm MIN. TIN ON SOLDER TAIL OVER

1.25μm MIN. NICKEL OVERALL.

(5) 0.75μm MIN. GOLD PLATE ON CONTACT AND

2.00μm MIN. TIN ON SOLDER TAIL OVER

1.25μm MIN. NICKEL OVERALL.

(6) 2.50μm MIN. TIN OVERALL

1.25μm MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-87920-019

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5. PACKAGING SPEC:

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8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE

9. CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE

10. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10

11. THE ABOVE 2CKT IS FOR ILLUSTRATION PURPOSE ONLY.

QUALITY
SYMBOLS
F_A=0
F_G=0
F_P=0GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLYDRAWN BY DATE
MRAMAKRISHNA 2016/07/05

CHECKED BY DATE

APPROVED BY DATE
MRAMAKRISHNA 2016/07/13

MATERIAL NO.

SEE TABLE

SIZE
A3SCALE
NTSDESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONCUSTOM HEADER
2.54MM PITCH SINGLE ROW
SINGLE WAFER SMT HEADER

molex

SD-87898-004

SHEET NO.

1 OF 1

9

8

7

6

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2

1