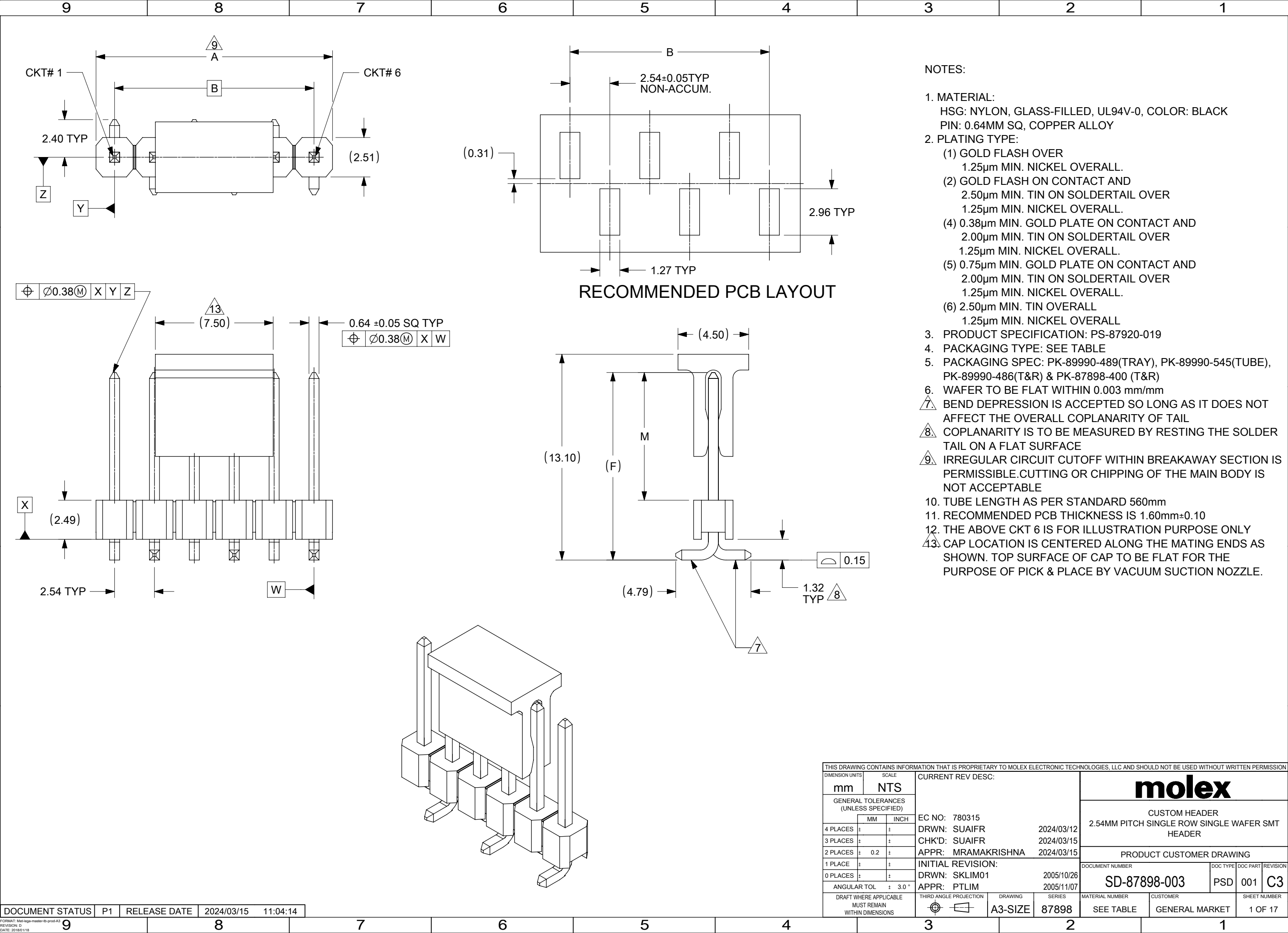
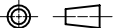
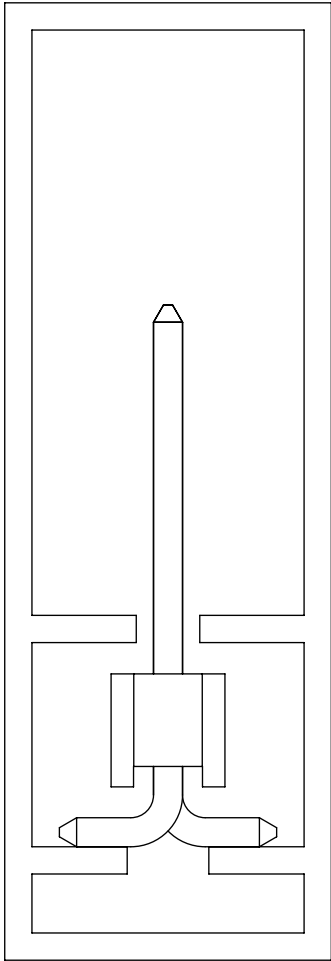




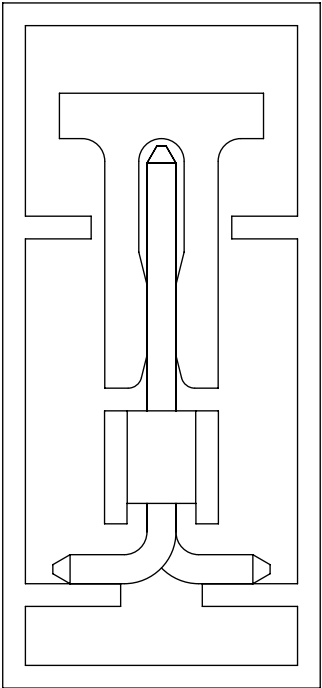
- NOTES:
- MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
 - PLATING TYPE:
 - GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
 - GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
 - 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-87920-019
 - PACKAGING TYPE: SEE TABLE
 - PACKAGING SPEC: PK-89990-489(TRAY), PK-89990-545(TUBE), PK-89990-486(T&R) & PK-87898-400 (T&R)
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm
 - BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE.CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 - TUBE LENGTH AS PER STANDARD 560mm
 - RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
 - THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
 - 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.

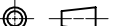
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mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 780315 DRWN: SUAIFR 2024/03/12 CHK'D: SUAIFR 2024/03/15 APPR: MRAMAKRISHNA 2024/03/15 INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	±	0.2							
1 PLACE	±	±							
0 PLACES	±	±		CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER					
ANGULAR TOL ± 3.0 °									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				PRODUCT CUSTOMER DRAWING					
				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
				SD-87898-003		PSD		001	C3
 A3-SIZE				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE TABLE		GENERAL MARKET		1 OF 17	
87898									

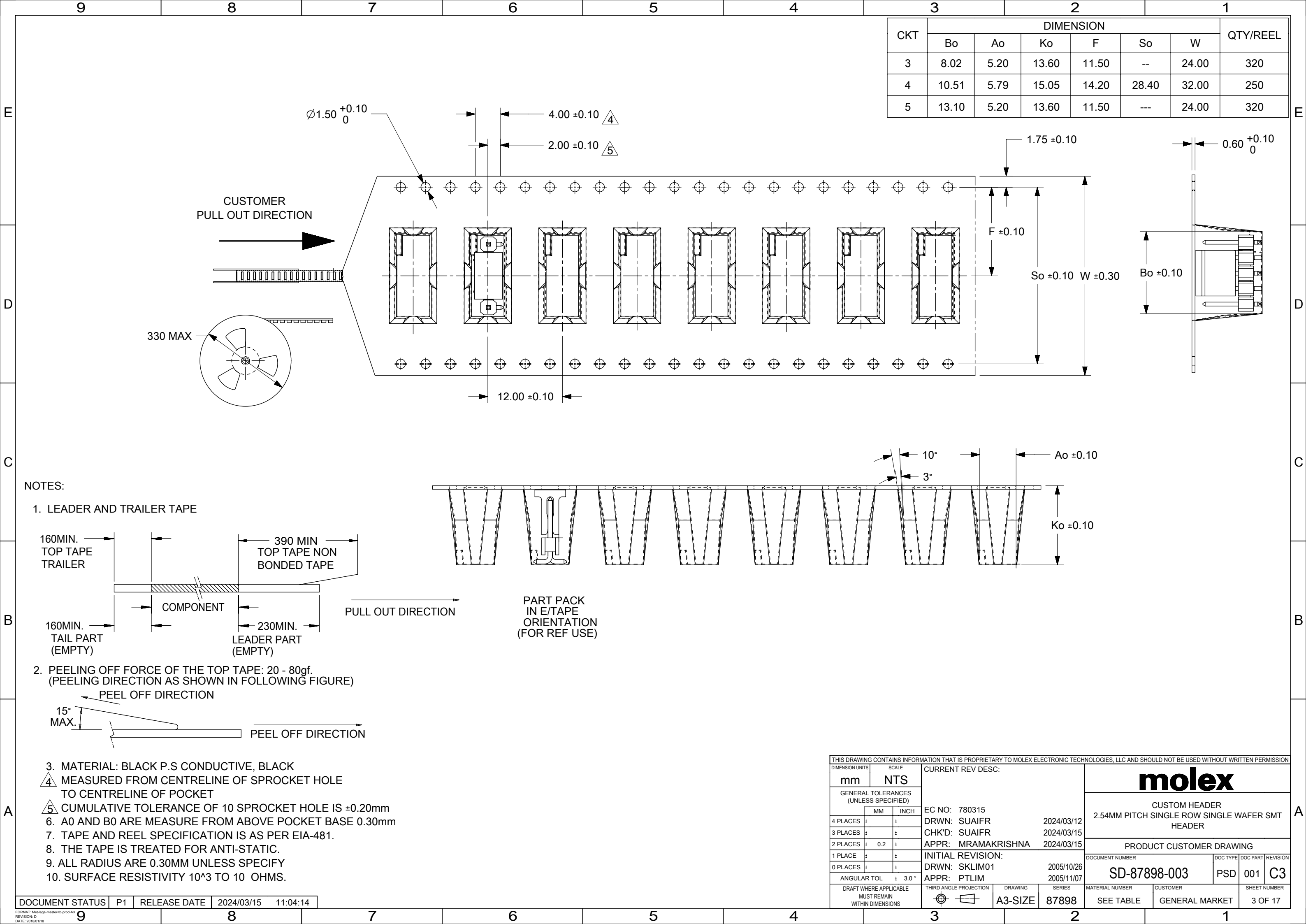
PART WITHOUT CAP
IN TUBE
ORIENTATION



PART WITH CAP
IN TUBE
ORIENTATION



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1 PLACE	±			APPR: MRAMAKRISHNA 2024/03/15							
0 PLACES	±			INITIAL REVISION:							
ANGULAR TOL		±	3.0 °	DRWN: SKLIM01 2005/10/26							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: PTLIM 2005/11/07							
				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87898	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	



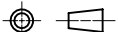
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3 PLACES	±		±	DRWN: SUAIFR				2024/03/15																																																																																																																																																																																														
2 PLACES	±	0.2	±	CHK'D: SUAIFR				2024/03/15																																																																																																																																																																																														
1 PLACE	±		±	APPR: MRAMAKRISHNA				2024/03/15																																																																																																																																																																																														
0 PLACES	±		±	INITIAL REVISION:																																																																																																																																																																																																		
ANGULAR TOL				±	3.0 °	DRWN: SKLIM01				2005/10/26				MATERIAL NUMBER SEE TABLE																																																																																																																																																																																								
								APPR: PTLIM				2005/11/07																																																																																																																																																																																										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	CUSTOMER		SHEET NUMBER																																																																																																																																																																																												
						A3-SIZE	87898	GENERAL MARKET		5 OF 17																																																																																																																																																																																												
9		8		7		6		5		4		3		2		1																																																																																																																																																																																						

E	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	F	M					
	-----	-----	87898-0761	-----	-----	-----	7	----	1	17.78	15.24	11.94	8.13					
	-----	-----	87898-0762	-----	-----	-----	7	----	2	17.78	15.24	11.94	8.13					
	-----	-----	87898-0764	-----	-----	-----	7	----	4	17.78	15.24	11.94	8.13					
	-----	-----	87898-0765	-----	-----	-----	7	----	5	17.78	15.24	11.94	8.13					
	-----	-----	87898-0766	-----	-----	-----	7	----	6	17.78	15.24	11.94	8.13					
D	-----	-----	87898-0861	-----	-----	-----	8	----	1	20.32	17.78	11.94	8.13					
	-----	-----	87898-0862	-----	-----	-----	8	----	2	20.32	17.78	11.94	8.13					
	-----	-----	87898-0864	-----	-----	-----	8	----	4	20.32	17.78	11.94	8.13					
	-----	-----	87898-0865	-----	-----	-----	8	----	5	20.32	17.78	11.94	8.13					
	-----	-----	87898-0866	-----	-----	-----	8	----	6	20.32	17.78	11.94	8.13					
C																		
	-----	-----	87898-0961	-----	-----	-----	9	----	1	22.86	20.32	11.94	8.13					
	-----	-----	87898-0962	-----	-----	-----	9	----	2	22.86	20.32	11.94	8.13					
	-----	-----	87898-0964	-----	-----	-----	9	----	4	22.86	20.32	11.94	8.13					
	-----	-----	87898-0965	-----	-----	-----	9	----	5	22.86	20.32	11.94	8.13					
	-----	-----	87898-0966	-----	-----	-----	9	----	6	22.86	20.32	11.94	8.13					
B																		
A																		

9	8	7	6	5	4	3	2	1					
E	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	F	M
	-----	-----	87898-1061	-----	-----	-----	10	----	1	25.40	22.86	11.94	8.13
	-----	-----	87898-1062	-----	-----	-----	10	----	2	25.40	22.86	11.94	8.13
	-----	-----	87898-1064	-----	-----	-----	10	----	4	25.40	22.86	11.94	8.13
	-----	-----	87898-1065	-----	-----	-----	10	----	5	25.40	22.86	11.94	8.13
	-----	-----	87898-1066	-----	-----	-----	10	----	6	25.40	22.86	11.94	8.13
	D	-----	-----	87898-1161	-----	-----	-----	11	----	1	27.94	25.40	11.94
-----		-----	87898-1162	-----	-----	-----	11	----	2	27.94	25.40	11.94	8.13
-----		-----	87898-1164	-----	-----	-----	11	----	4	27.94	25.40	11.94	8.13
-----		-----	87898-1165	-----	-----	-----	11	----	5	27.94	25.40	11.94	8.13
-----		-----	87898-1166	-----	-----	-----	11	----	6	27.94	25.40	11.94	8.13
C													
	-----	-----	87898-1261	-----	-----	-----	12	----	1	30.48	27.94	11.94	8.13
	-----	-----	87898-1262	-----	-----	-----	12	----	2	30.48	27.94	11.94	8.13
	-----	-----	87898-1264	-----	-----	-----	12	----	4	30.48	27.94	11.94	8.13
	-----	-----	87898-1265	-----	-----	-----	12	----	5	30.48	27.94	11.94	8.13
	-----	-----	87898-1266	-----	-----	-----	12	----	6	30.48	27.94	11.94	8.13
B													
A													
</													

E	9		8		7		6		5		4		3		2		1		E
	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	F	M						
	-----	-----	87898-1361	-----	-----	-----	13	----	1	33.02	30.48	11.94	8.13						
	-----	-----	87898-1362	-----	-----	-----	13	----	2	33.02	30.48	11.94	8.13						
	-----	-----	87898-1364	-----	-----	-----	13	----	4	33.02	30.48	11.94	8.13						
	-----	-----	87898-1365	-----	-----	-----	13	----	5	33.02	30.48	11.94	8.13						
	-----	-----	87898-1366	-----	-----	-----	13	----	6	33.02	30.48	11.94	8.13						
D	-----	-----	87898-1461	-----	-----	-----	14	----	1	35.56	33.02	11.94	8.13						
	-----	-----	87898-1462	-----	-----	-----	14	----	2	35.56	33.02	11.94	8.13						
	-----	-----	87898-1464	-----	-----	-----	14	----	4	35.56	33.02	11.94	8.13						
	-----	-----	87898-1465	-----	-----	-----	14	----	5	35.56	33.02	11.94	8.13						
	-----	-----	87898-1466	-----	-----	-----	14	----	6	35.56	33.02	11.94	8.13						
C	-----	-----	87898-1561	-----	-----	-----	15	----	1	38.10	35.56	11.94	8.13						
	-----	-----	87898-1562	-----	-----	-----	15	----	2	38.10	35.56	11.94	8.13						
	-----	-----	87898-1564	-----	-----	-----	15	----	4	38.10	35.56	11.94	8.13						
	-----	-----	87898-1565	-----	-----	-----	15	----	5	38.10	35.56	11.94	8.13						
	-----	-----	87898-1566	-----	-----	-----	15	----	6	38.10	35.56	11.94	8.13						
B																			B
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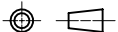
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex									
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 780315 DRWN: SUAIFR 2024/03/12 CHK'D: SUAIFR 2024/03/15 APPR: MRAMAKRISHNA 2024/03/15 INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07						CUSTOMER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER									
		MM																INCH	
4 PLACES		±																±	
3 PLACES		±																±	
2 PLACES		± 0.2																±	
1 PLACE		±																±	
0 PLACES		±		±															
ANGULAR TOL ± 3.0 °																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 87898		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 8 OF 17					

DOCUMENT STATUS	P1	RELEASE DATE	2024/03/15	11:04:14
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E	9		8		7		6		5		4		3		2		1		E
	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	F	M						
	-----	-----	87898-1661	-----	-----	-----	16	----	1	40.64	38.10	11.94	8.13						
	-----	-----	87898-1662	-----	-----	-----	16	----	2	40.64	38.10	11.94	8.13						
	-----	-----	87898-1664	-----	-----	-----	16	----	4	40.64	38.10	11.94	8.13						
	-----	-----	87898-1665	-----	-----	-----	16	----	5	40.64	38.10	11.94	8.13						
	-----	-----	87898-1666	-----	-----	-----	16	----	6	40.64	38.10	11.94	8.13						
D	-----	-----	87898-1761	-----	-----	-----	17	----	1	43.18	40.64	11.94	8.13						
	-----	-----	87898-1762	-----	-----	-----	17	----	2	43.18	40.64	11.94	8.13						
	-----	-----	87898-1764	-----	-----	-----	17	----	4	43.18	40.64	11.94	8.13						
	-----	-----	87898-1765	-----	-----	-----	17	----	5	43.18	40.64	11.94	8.13						
	-----	-----	87898-1766	-----	-----	-----	17	----	6	43.18	40.64	11.94	8.13						
C	-----	-----	87898-1861	-----	-----	-----	18	----	1	45.72	43.18	11.94	8.13						
	-----	-----	87898-1862	-----	-----	-----	18	----	2	45.72	43.18	11.94	8.13						
	-----	-----	87898-1864	-----	-----	-----	18	----	4	45.72	43.18	11.94	8.13						
	-----	-----	87898-1865	-----	-----	-----	18	----	5	45.72	43.18	11.94	8.13						
	-----	-----	87898-1866	-----	-----	-----	18	----	6	45.72	43.18	11.94	8.13						
B																			B
A																			A

E	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	F	M					
	-----	-----	87898-2261	-----	-----	-----	22	----	1	55.88	53.34	11.94	8.13					
	-----	-----	87898-2262	-----	-----	-----	22	----	2	55.88	53.34	11.94	8.13					
	-----	-----	87898-2264	-----	-----	-----	22	----	4	55.88	53.34	11.94	8.13					
	-----	-----	87898-2265	-----	-----	-----	22	----	5	55.88	53.34	11.94	8.13					
	-----	-----	87898-2266	-----	-----	-----	22	----	6	55.88	53.34	11.94	8.13					
D	-----	-----	87898-2361	-----	-----	-----	23	----	1	58.42	55.88	11.94	8.13					
	-----	-----	87898-2362	-----	-----	-----	23	----	2	58.42	55.88	11.94	8.13					
	-----	-----	87898-2364	-----	-----	-----	23	----	4	58.42	55.88	11.94	8.13					
	-----	-----	87898-2365	-----	-----	-----	23	----	5	58.42	55.88	11.94	8.13					
	-----	-----	87898-2366	-----	-----	-----	23	----	6	58.42	55.88	11.94	8.13					
C																		
	-----	-----	87898-2461	-----	-----	-----	24	----	1	60.96	58.42	11.94	8.13					
	-----	-----	87898-2462	-----	-----	-----	24	----	2	60.96	58.42	11.94	8.13					
	-----	-----	87898-2464	-----	-----	-----	24	----	4	60.96	58.42	11.94	8.13					
	-----	-----	87898-2465	-----	-----	-----	24	----	5	60.96	58.42	11.94	8.13					
	-----	-----	87898-2466	-----	-----	-----	24	----	6	60.96	58.42	11.94	8.13					
B																		
A																		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex								
mm		NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 780315 DRWN: SUAIFR 2024/03/12 CHK'D: SUAIFR 2024/03/15 APPR: MRAMAKRISHNA 2024/03/15				CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER								
	MM		INCH													
4 PLACES	±		±													
3 PLACES	±		±													
2 PLACES	±	0.2	±													
1 PLACE	±		±													
0 PLACES	±		±	INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07				DOCUMENT NUMBER SD-87898-003						DOC TYPE PSD	DOC PART 001	REVISION C3
ANGULAR TOL ± 3.0 °																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87898	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 11 OF 17				

DOCUMENT STATUS	P1	RELEASE DATE	2024/03/15	11:04:14
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9		8		7		6		5		4		3		2		1	
E	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	F	M				
	-----	-----	87898-2561	-----	-----	-----	25	----	1	63.50	60.96	11.94	8.13				
	-----	-----	87898-2562	-----	-----	-----	25	----	2	63.50	60.96	11.94	8.13				
	-----	-----	87898-2564	-----	-----	-----	25	----	4	63.50	60.96	11.94	8.13				
	-----	-----	87898-2565	-----	-----	-----	25	----	5	63.50	60.96	11.94	8.13				
-----	-----	87898-2566	-----	-----	-----	25	----	6	63.50	60.96	11.94	8.13					
D																	
	-----	-----	87898-2661	-----	-----	-----	26	----	1	66.04	63.50	11.94	8.13				
	-----	-----	87898-2662	-----	-----	-----	26	----	2	66.04	63.50	11.94	8.13				
	-----	-----	87898-2664	-----	-----	-----	26	----	4	66.04	63.50	11.94	8.13				
	-----	-----	87898-2665	-----	-----	-----	26	----	5	66.04	63.50	11.94	8.13				
-----	-----	87898-2666	-----	-----	-----	26	----	6	66.04	63.50	11.94	8.13					
C																	
	-----	-----	87898-2761	-----	-----	-----	27	----	1	68.58	66.04	11.94	8.13				
	-----	-----	87898-2762	-----	-----	-----	27	----	2	68.58	66.04	11.94	8.13				
	-----	-----	87898-2764	-----	-----	-----	27	----	4	68.58	66.04	11.94	8.13				
	-----	-----	87898-2765	-----	-----	-----	27	----	5	68.58	66.04	11.94	8.13				
-----	-----	87898-2766	-----	-----	-----	27	----	6	68.58	66.04	11.94	8.13					
B																	
A																	

E	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	F	M					
	-----	-----	87898-3161	-----	-----	-----	31	----	1	78.74	76.20	11.94	8.13					
	-----	-----	87898-3162	-----	-----	-----	31	----	2	78.74	76.20	11.94	8.13					
	-----	-----	87898-3164	-----	-----	-----	31	----	4	78.74	76.20	11.94	8.13					
	-----	-----	87898-3165	-----	-----	-----	31	----	5	78.74	76.20	11.94	8.13					
	-----	-----	87898-3166	-----	-----	-----	31	----	6	78.74	76.20	11.94	8.13					
D	-----	-----	87898-3261	-----	-----	-----	32	----	1	81.28	78.74	11.94	8.13					
	-----	-----	87898-3262	-----	-----	-----	32	----	2	81.28	78.74	11.94	8.13					
	-----	-----	87898-3264	-----	-----	-----	32	----	4	81.28	78.74	11.94	8.13					
	-----	-----	87898-3265	-----	-----	-----	32	----	5	81.28	78.74	11.94	8.13					
	-----	-----	87898-3266	-----	-----	-----	32	----	6	81.28	78.74	11.94	8.13					
C																		
	-----	-----	87898-3361	-----	-----	-----	33	----	1	83.82	81.28	11.94	8.13					
	-----	-----	87898-3362	-----	-----	-----	33	----	2	83.82	81.28	11.94	8.13					
	-----	-----	87898-3364	-----	-----	-----	33	----	4	83.82	81.28	11.94	8.13					
	-----	-----	87898-3365	-----	-----	-----	33	----	5	83.82	81.28	11.94	8.13					
	-----	-----	87898-3366	-----	-----	-----	33	----	6	83.82	81.28	11.94	8.13					
B																		
A																		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
	MM	INCH													
4 PLACES	±		±	EC NO: 780315 DRWN: SUAIFR 2024/03/12 CHK'D: SUAIFR 2024/03/15 APPR: MRAMAKRISHNA 2024/03/15				PRODUCT CUSTOMER DRAWING							
3 PLACES	±		±												
2 PLACES	±	0.2	±												
1 PLACE	±		±												
0 PLACES	±		±	INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
ANGULAR TOL ± 3.0 °								SD-87898-003		PSD	001	C3			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE	87898	SEE TABLE		GENERAL MARKET		14 OF 17			

DOCUMENT STATUS	P1	RELEASE DATE	2024/03/15	11:04:14						
9		8		7	6	5	4	3	2	1

FORMAT: Mef-lega-master-ib-prod-A3
REVISION: D
DATE: 2018/01/18

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