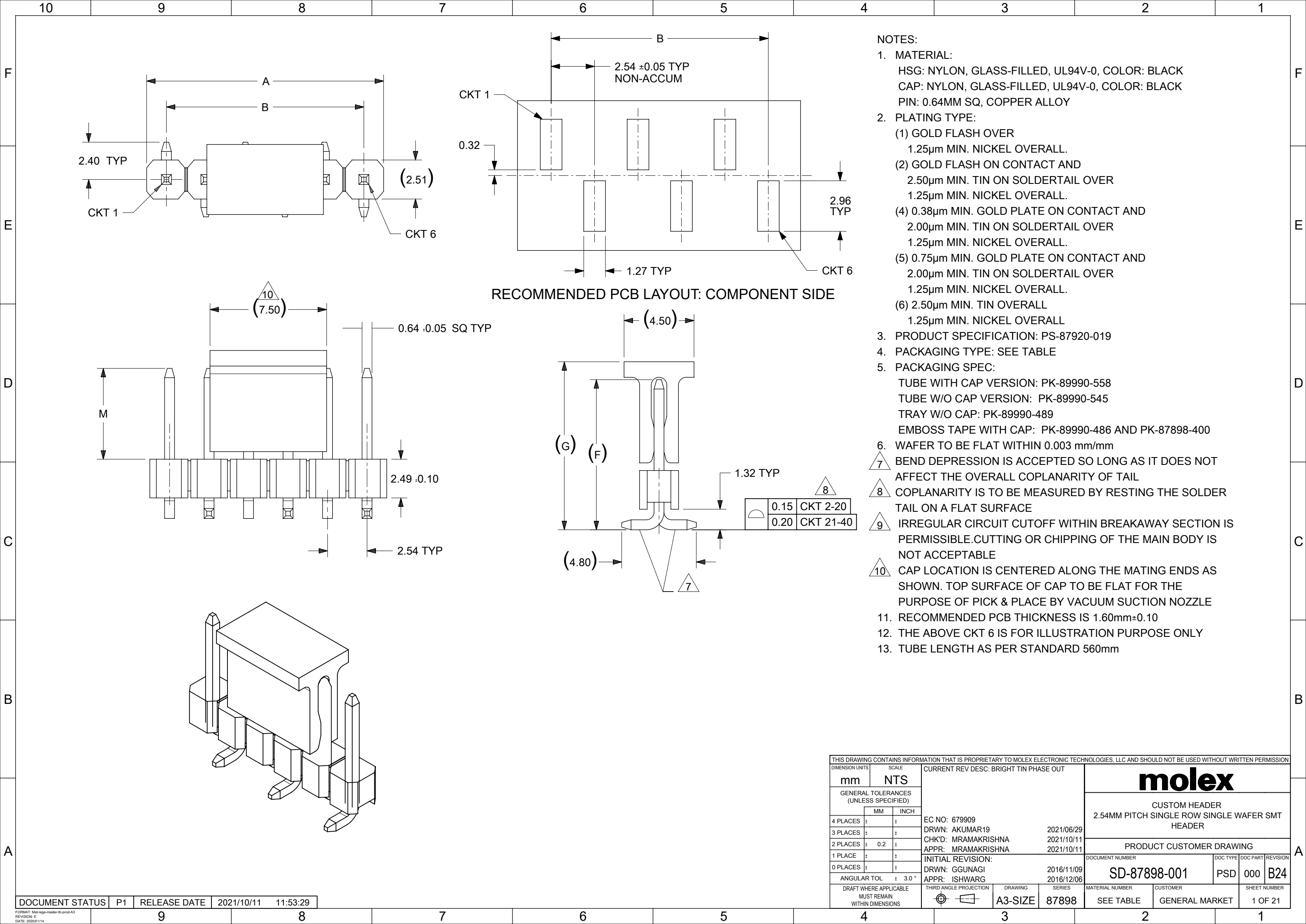
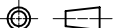




- NOTES:
- MATERIAL:
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
 - PLATING TYPE:
(1) GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
(2) GOLD FLASH ON CONTACT AND
2.50µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(4) 0.38µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(5) 0.75µm MIN. GOLD PLATE ON CONTACT AND
2.00µm MIN. TIN ON SOLDERTAIL OVER
1.25µm MIN. NICKEL OVERALL.
(6) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-87920-019
 - PACKAGING TYPE: SEE TABLE
 - 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 AND PK-87898-400
 - 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
 - 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
 - RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
 - THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
 - TUBE LENGTH AS PER STANDARD 560mm

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: BRIGHT TIN PHASE OUT				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 679909 DRWN: AKUMAR19 2021/06/29 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11 INITIAL REVISION: DRWN: GGUNAGI 2016/11/09 APPR: ISHWARG 2016/12/06		DOCUMENT NUMBER				DOC TYPE	DOC PART
		MM	INCH			SD-87898-001		PSD	000	B24	
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	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				A3-SIZE		87898	SEE TABLE		GENERAL MARKET	1 OF 21	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:29
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FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14

10	9	8	7	6	5	4	3	2	1						
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					B24	REFER TO LAST SHEET FOR 2CKT SIZE
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		
87898-0307	-----	-----	-----	-----	87898-0320	3	-----	6	7.62	5.08	10.81	9.65	5.84		
-----	-----	-----	-----	-----	87898-0317	3	-----	6	7.62	5.08	10.81	9.65	5.84		
-----	-----	-----	-----	-----	87898-0321	3	-----	6	7.62	5.08	10.81	9.65	5.84		
-----	-----	-----	-----	-----	87898-0318	3	-----	5	7.62	5.08	10.81	9.65	5.84		
-----	-----	-----	-----	-----	87898-0310	3	-----	6	7.62	5.08	14.91	13.91	10.10		
-----	-----	-----	-----	-----	87898-0309	3	-----	6	7.62	5.08	14.81	13.81	10.00		
-----	-----	87898-0370	-----	-----	-----	3	-----	6	7.62	5.08	----	13.91	10.10		

10		9		8		7		6		5		4		3		2		1	
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	MODIFIED MATING CKT	MODIFIED MATING LENGTH	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	-----	-----	87898-0421	87898-0431	-----	87898-0451	4	-----	1	-----	-----	10.16	7.62	10.81	9.65	5.84	B24	E	
	-----	-----	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			
	-----	-----	87898-0426	87898-0436	-----	87898-0456	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84			
	-----	-----	87898-0428	87898-0437	-----	87898-0460	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84			
	-----	-----	-----	-----	-----	87898-0457	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84			
	-----	-----	-----	-----	-----	87898-0458	4	-----	5	-----	-----	10.16	7.62	10.81	9.65	5.84			
	----	----	-----	----	----	87898 - 0480	4	CKT# 4	5	----	-----	10.16	7.62	14.70	13.65	9.84			
	----	----	-----	----	----	87898 - 0481	4	----	5	CKT # 1, 2 & 3	1.00	10.16	7.62	17.70	16.65	12.84			
E	87898 - 0482	----	-----	----	----	----	4	----	---	CKT # 1, 2 & 3	1.00	10.16	7.62	---	16.65	12.84	B24	D	
	----	----	-----	----	----	87898 - 0483	4	----	---	CKT # 1, 2 & 3	1.00	10.16	7.62	14.70	13.65	9.84			
	----	----	87898-0427	----	----	----	4	----	---	----	-----	10.16	7.62	---	11.87	8.06			
	-----	-----	87898-0521	87898-0531	-----	87898-0551	5	----	1	----	-----	12.70	10.16	10.81	9.65	5.84	B24	C	
	-----	-----	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	87898-0583	87898-0556	5	----	6	----	-----	12.70	10.16	10.81	9.65	5.84			
D	-----	-----	87898-0528	87898-0538	87898-0584	87898-0558	5	----	6	----	-----	12.70	10.16	10.81	9.65	5.84			
	87898-0581	----	-----	----	----	----	5	----	4	----	-----	12.70	10.16	---	24.18	20.25			
	-----	-----	-----	-----	-----	87898-0576	5	-----	5	----	-----	12.70	10.16	14.35	13.31	9.50			
	-----	-----	87898-0621	87898-0631	-----	87898-0651	6	----	1	----	-----	15.24	12.70	10.81	9.65	5.84	B24	B	
	-----	-----	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			
C	-----	-----	87898-0628	87898-0638	-----	87898-0658	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			
	----	----	-----	----	----	87898-0605	6	----	5	----	-----	15.24	12.70	12.98	11.94	8.13			
	-----	-----	87898-0604	-----	-----	-----	6	----	5	----	-----	15.24	12.70	---	13.31	9.50			
		</																	

	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					
	-----	-----	87898-0727	87898-0737	-----	87898-0758	7	-----	6	17.78	15.24	10.81	9.65	5.84					
	-----	-----	-----	-----	B22 87898-0757	-----	7	-----	6	17.78	15.24	---	9.65	5.84					
	-----	-----	-----	-----	87898-0759	-----	7	-----	6	17.78	15.24	---	9.65	5.84					
E	-----	-----	87898-0720	-----	-----	-----	7	-----	5	17.78	15.24	---	9.81	6.00					
	-----	-----	87898-0767	-----	-----	-----	7	-----	5	17.78	15.24	---	13.81	10.00					
	-----	-----	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					
	-----	-----	87898-0827	87898-0837	-----	87898-0857	8	-----	6	20.32	17.78	10.81	9.65	5.84					
	87898-0881	-----	-----	-----	-----	-----	8	----	4	20.32	17.78	---	21.84	17.91					
	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					
-----		-----	87898-0926	87898-0936	-----	87898-0956	9	-----	6	22.86	20.32	10.81	9.65	5.84					
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	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																																																																															
	-----	-----	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	-----	-----	87898-2921	87898-2931	-----	-----	29	-----	1	73.66	71.12	10.81	9.65	5.84																																																																															
	-----	-----	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																																																																															
	-----	-----	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																																																																															
D	-----	-----	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																																																																															
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td>DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="3" rowspan="5">CURRENT REV DESC: BRIGHT TIN PHASE OUT</td><td colspan="3" rowspan="5"> molex </td></tr><tr><td>mm</td><td colspan="2">NTS</td></tr><tr><td colspan="3">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td><td colspan="3" rowspan="5">EC NO: 679909 DRWN: AKUMAR19 2021/06/29 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11</td><td colspan="3" rowspan="5">CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.2</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td colspan="3">ANGULAR TOL ± 3.0 °</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION </td><td>DRAWING A3-SIZE</td><td>SERIES 87898</td><td colspan="2">DOCUMENT NUMBER SD-87898-001</td><td>DOC TYPE PSD</td><td>DOC PART 000</td><td>REVISION B24</td></tr><tr><td colspan="3"></td><td colspan="2"></td><td colspan="2">MATERIAL NUMBER SEE TABLE</td><td colspan="2">CUSTOMER GENERAL MARKET</td><td colspan="3">SHEET NUMBER 11 OF 21</td></tr></table> FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14 <table><tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2021/10/11</td><td>11:53:29</td></tr></table>															DIMENSION UNITS	SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT			molex			mm	NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)				MM	INCH	4 PLACES	±	±	3 PLACES	±	±	EC NO: 679909 DRWN: AKUMAR19 2021/06/29 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11			CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER			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	DOCUMENT NUMBER SD-87898-001		DOC TYPE PSD	DOC PART 000	REVISION B24						MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 11 OF 21			DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:29	7	6	5	4	3	2	1
DIMENSION UNITS	SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT			molex																																																																																							
mm	NTS																																																																																												
GENERAL TOLERANCES (UNLESS SPECIFIED)																																																																																													
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87898	DOCUMENT NUMBER SD-87898-001		DOC TYPE PSD	DOC PART 000	REVISION B24																																																																																		
					MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 11 OF 21																																																																																				
DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:29																																																																																									

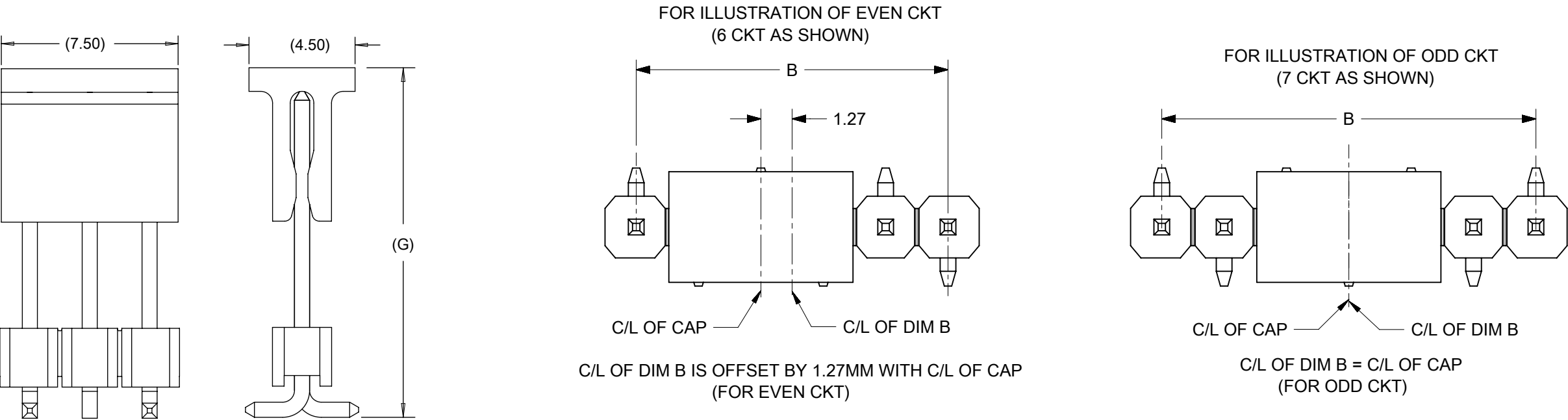
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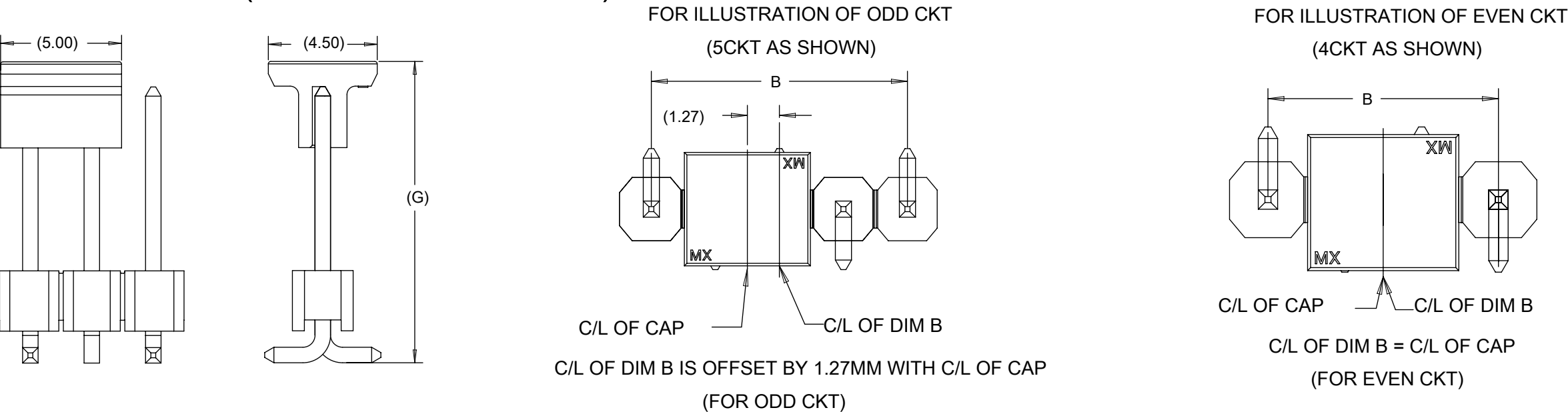
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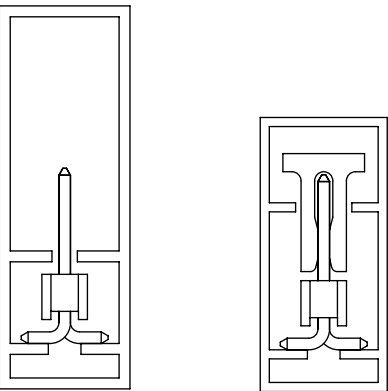
CAP ORIENTATION (CAP P/N: 87938-0001)



CAP ORIENTATION (CAP P/N: 87898-1000)

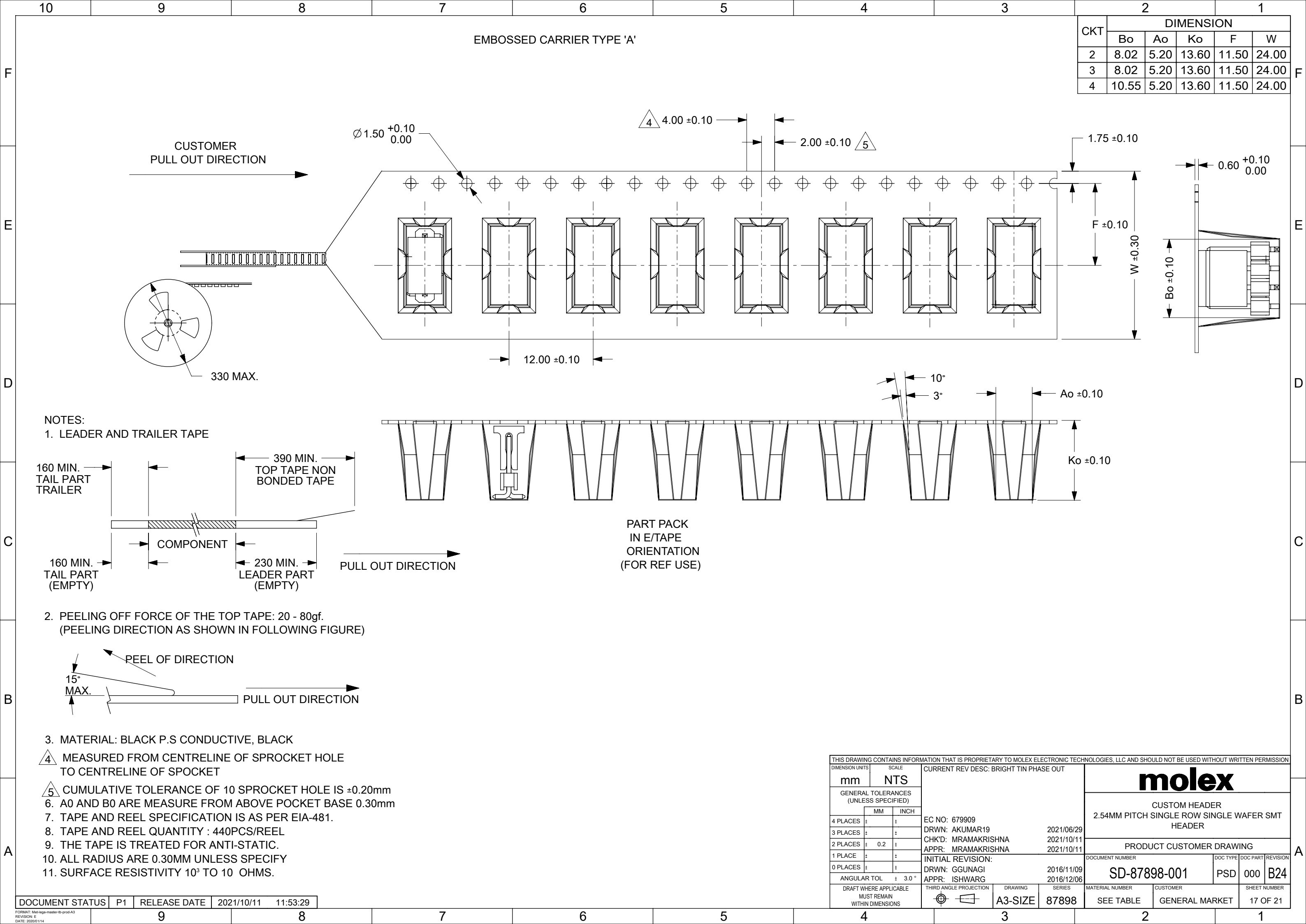


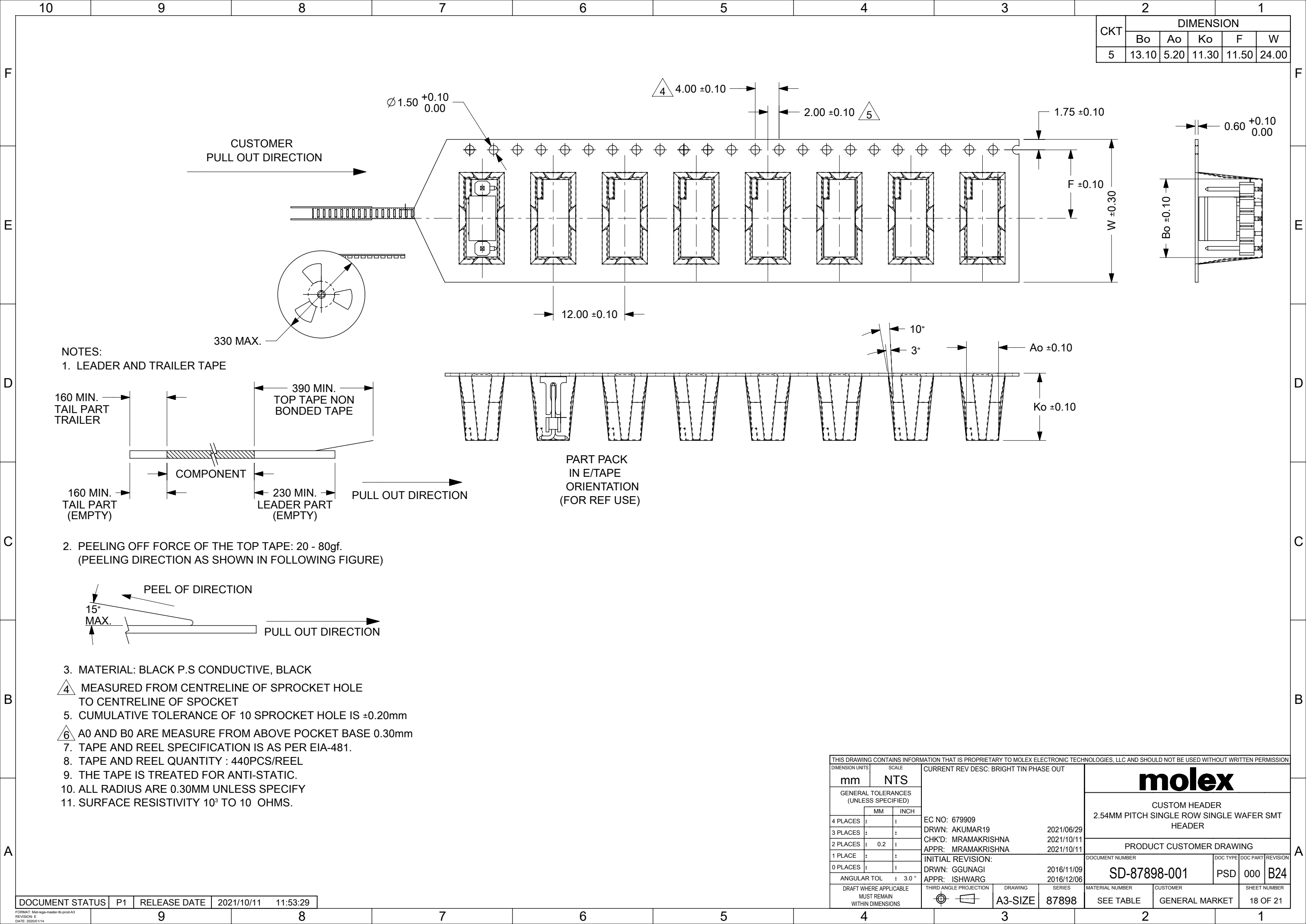
PART ORIENTATION IN TUBE

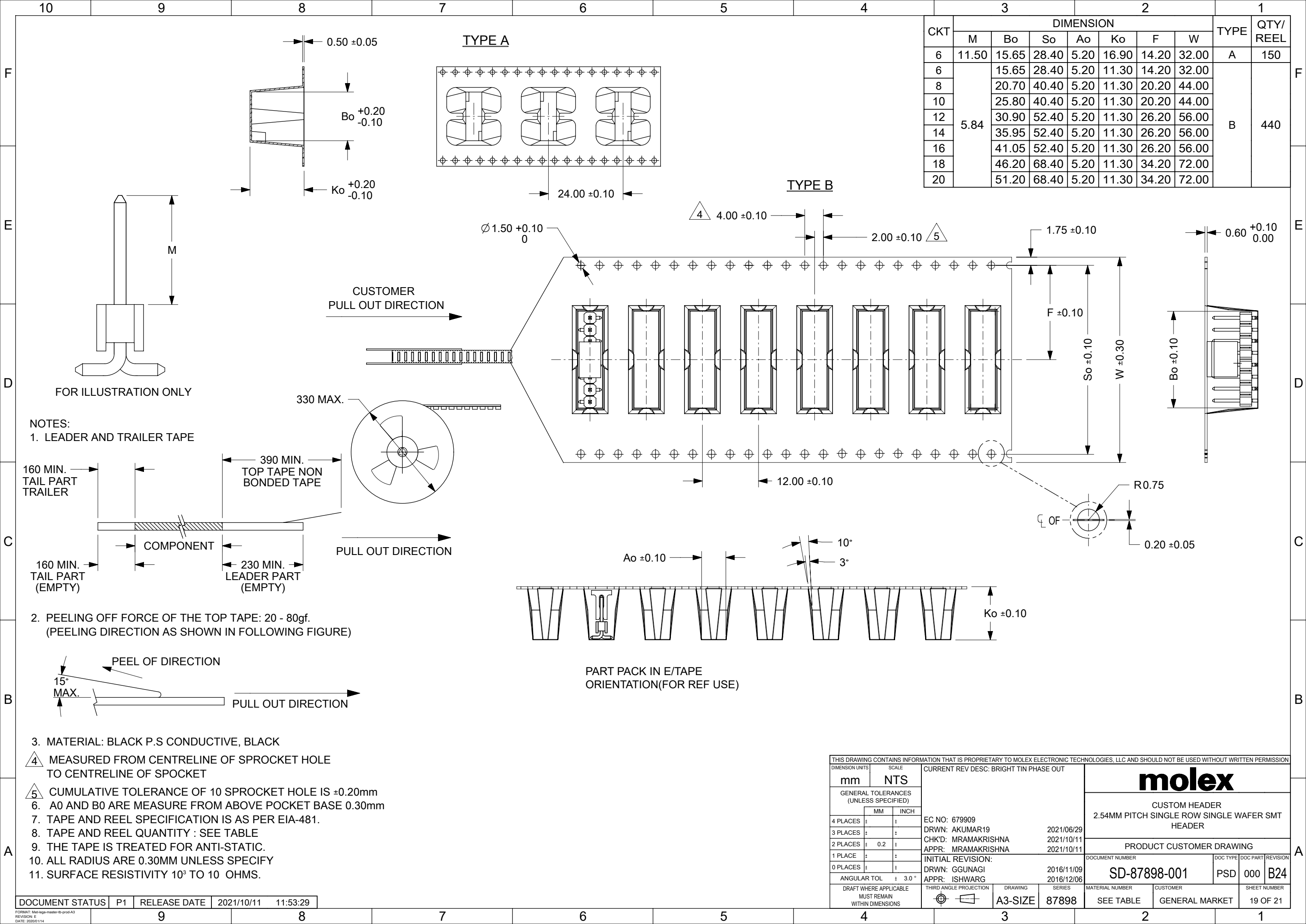


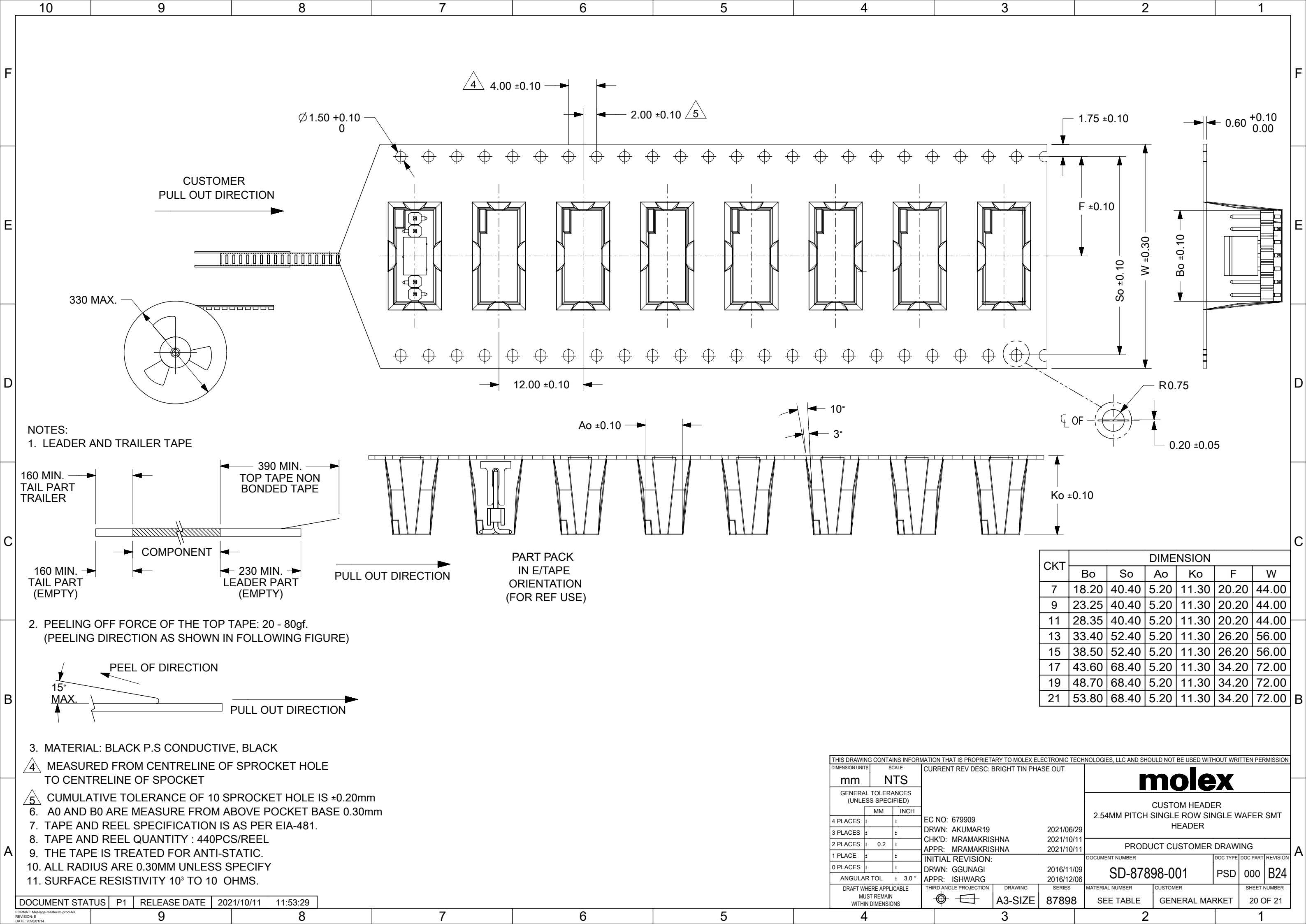
PART WITHOUT CAP PART WITH CAP

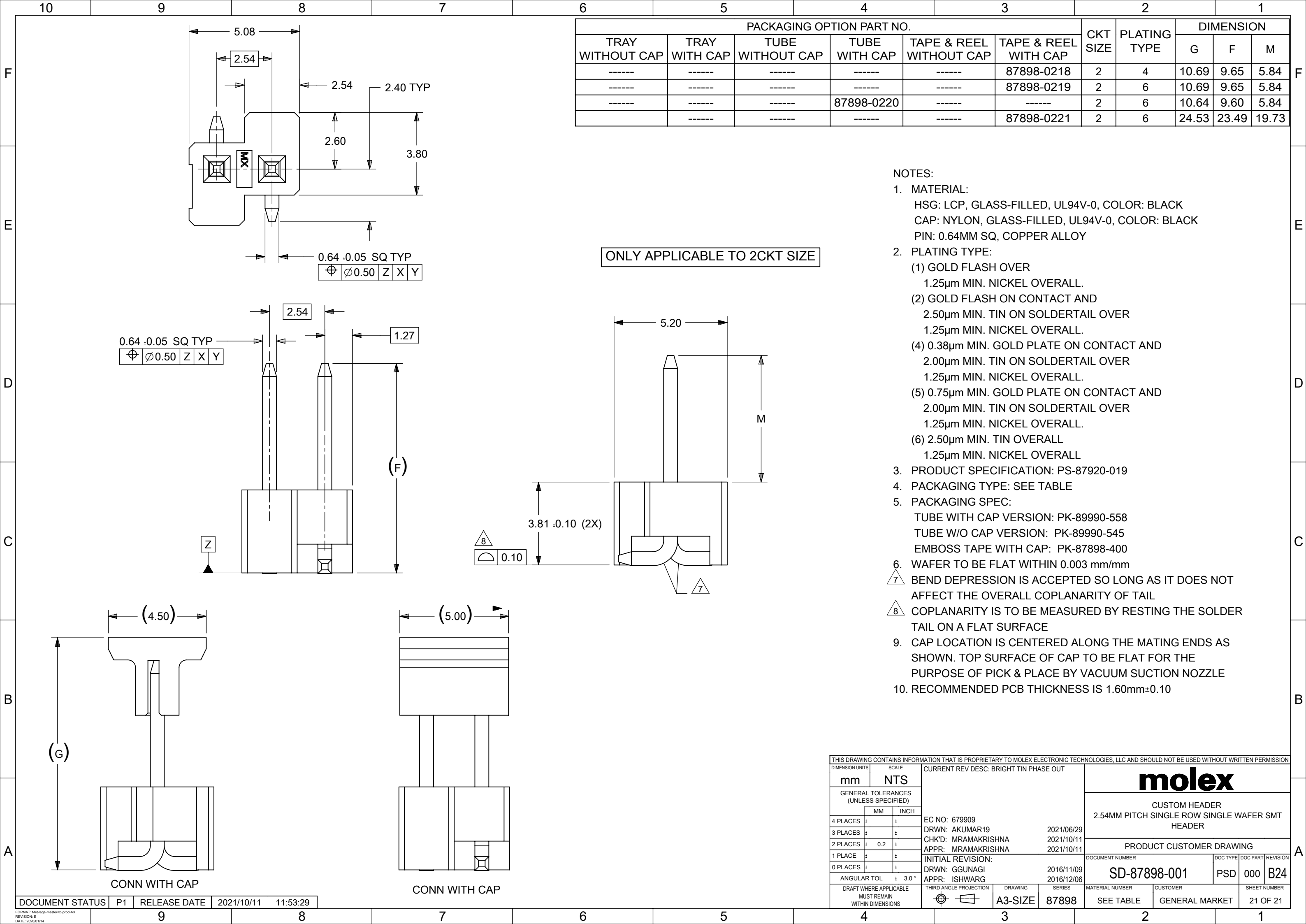
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 679909 DRWN: AKUMAR19 2021/06/29 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11 INITIAL REVISION: DRWN: GGUNAGI 2016/11/09 APPR: ISHWARG 2016/12/06									
		MM	INCH										
4 PLACES	±		±										
3 PLACES	±		±										
2 PLACES	±	0.2											
1 PLACE	±		±										
0 PLACES	±		±										
ANGULAR TOL ± 3.0 °				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SD-87898-001		PSD		000	B24				
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						A3-SIZE		87898		SEE TABLE		GENERAL MARKET	16 OF 21

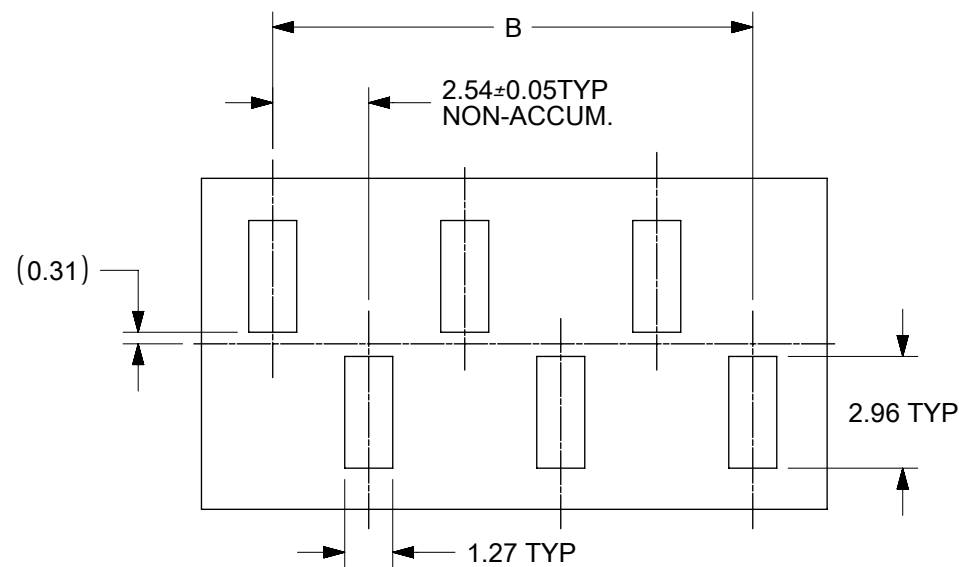
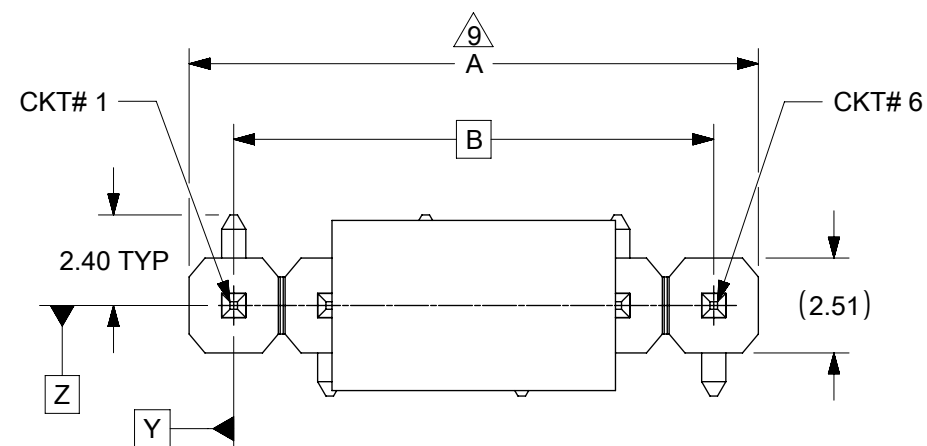




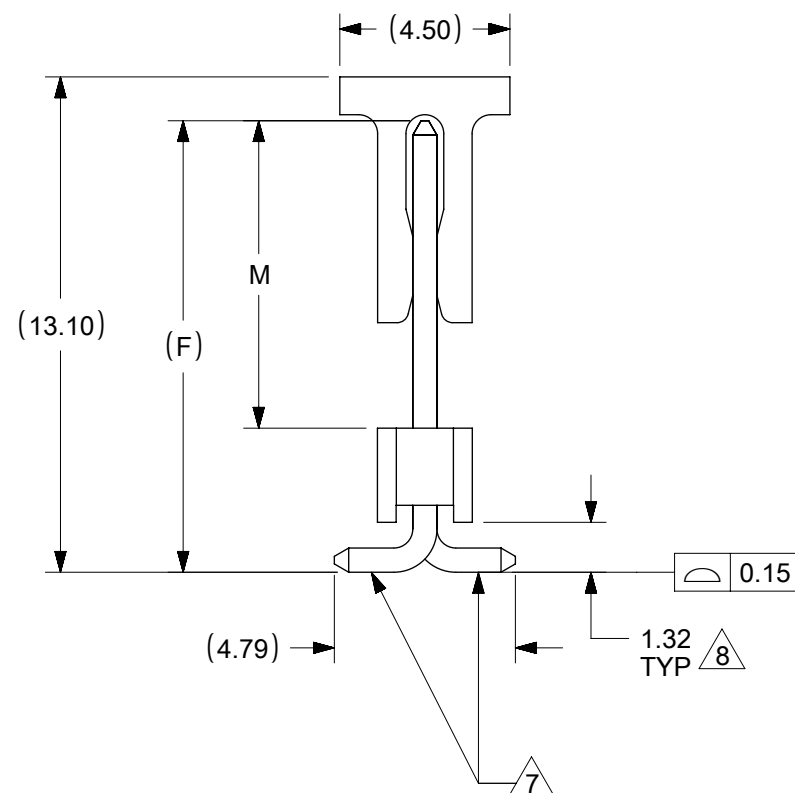
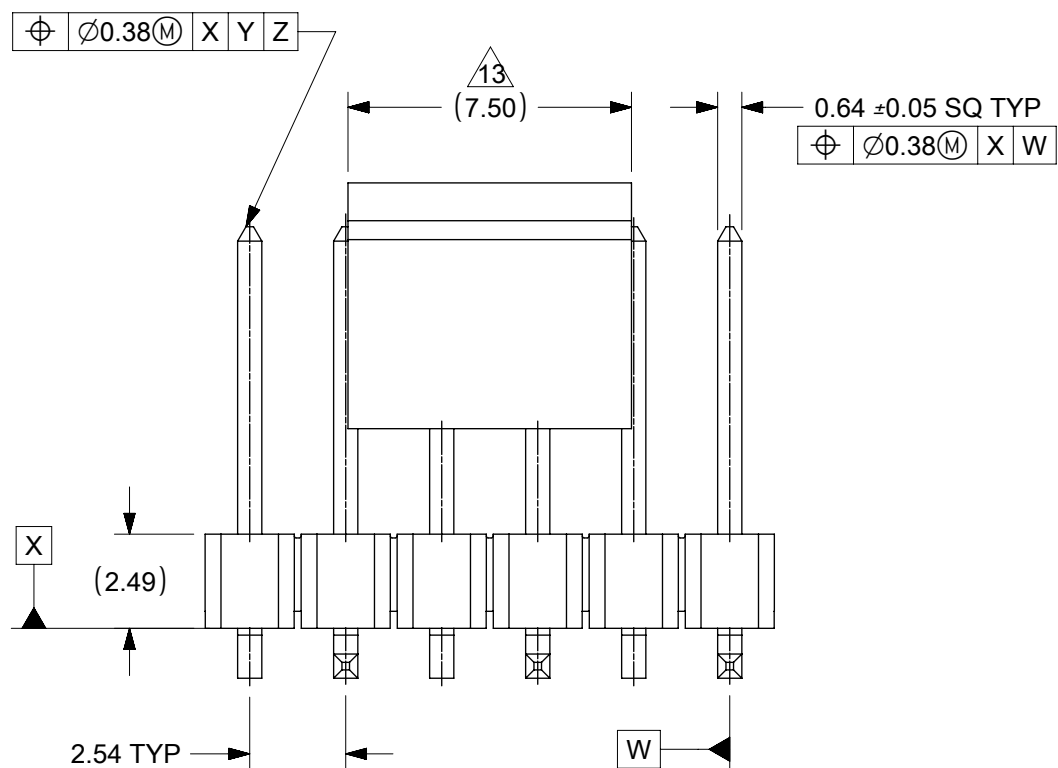






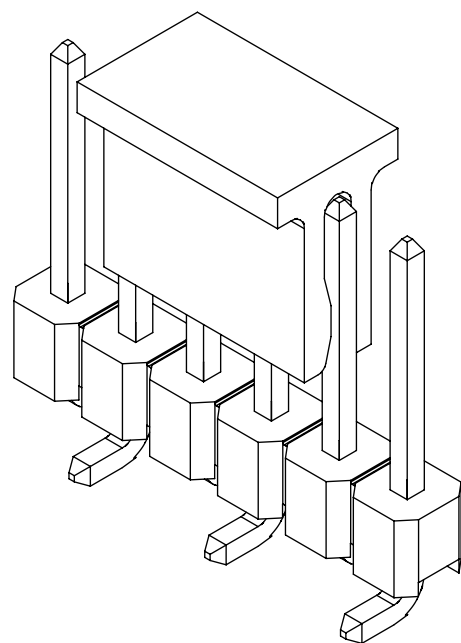


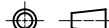
RECOMMENDED PCB LAYOUT



- NOTES:

1. MATERIAL:
HSG: 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: PK-89990-545(TUBE), PK-89990-486(T&R)
& PK-87898-400 (T&R)
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. TUBE LENGTH AS PER STANDARD 560mm
11. RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
12. THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
13. 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.

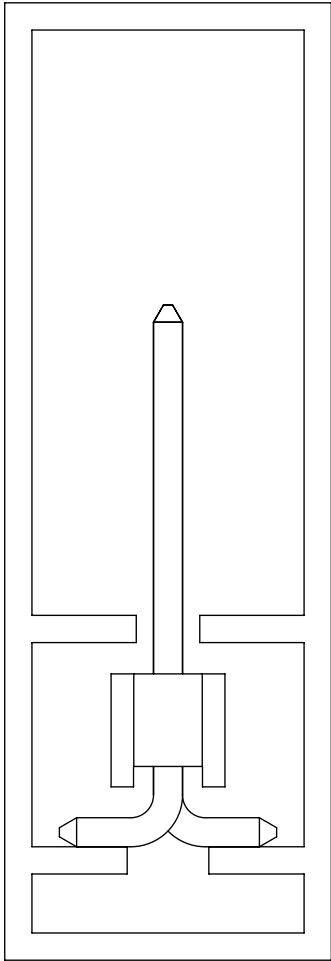


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: SH_04 & 05 UPDATED				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177265 DRWN: RLALSANGI 2018/05/16 CHK'D: MBELLE 2018/05/25 APPR: ISHWARG 2018/06/13 INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07				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	±	±		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER SD-87898-003		DOC TYPE PSD	DOC PART 001	REVISION C			
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 1 OF 17	

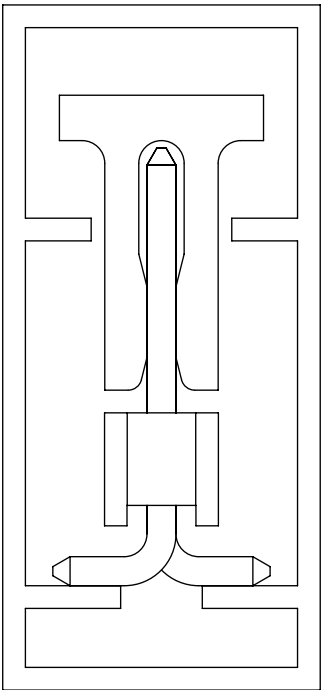
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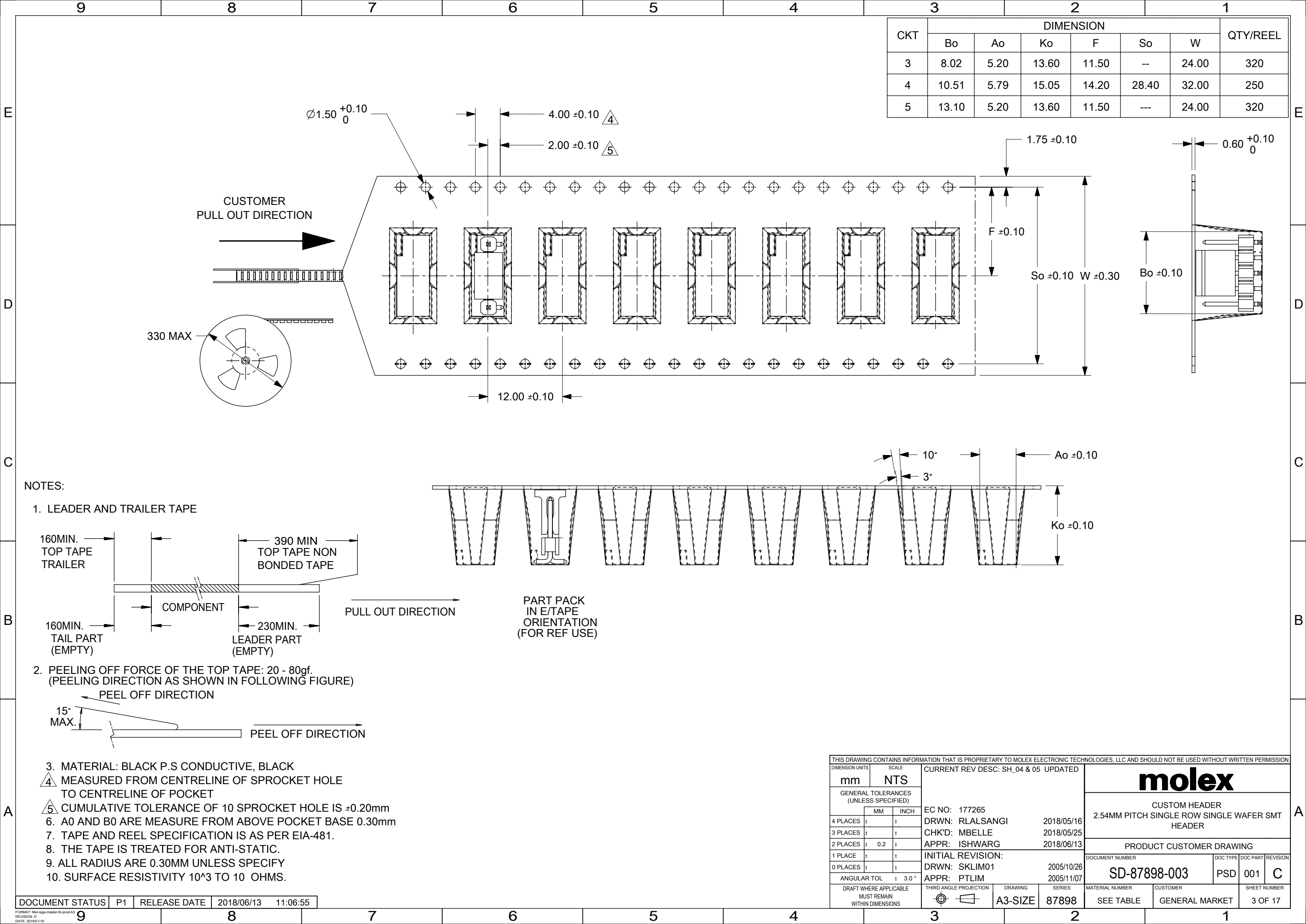
FORMAT: Met-lega-master-lib-prod-A3
REVISION: D

PART WITHOUT CAP
IN TUBE
ORIENTATION



PART WITH CAP
IN TUBE
ORIENTATION





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
-----	C 87898-0361	-----	-----	-----	-----	3	----	1	7.62	5.08	11.94	8.13
-----	C 87898-0362	-----	-----	-----	-----	3	----	2	7.62	5.08	11.94	8.13
-----	C 87898-0364	-----	-----	-----	87898-0369	3	----	4	7.62	5.08	11.94	8.13
-----	C 87898-0365	-----	-----	-----	-----	3	----	5	7.62	5.08	11.94	8.13
-----	C 87898-0366	-----	87898-0367	-----	87898-0368	3	----	6	7.62	5.08	11.94	8.13

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	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

CURRENT REV DESC: SH_04 & 05 UPDATED

EC NO: 177265

DRWN: RLALSANGI

CHK'D: MBELLE

APPR: ISHWARG

2018/05/16

2018/05/25

2018/06/13

molex

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT
HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

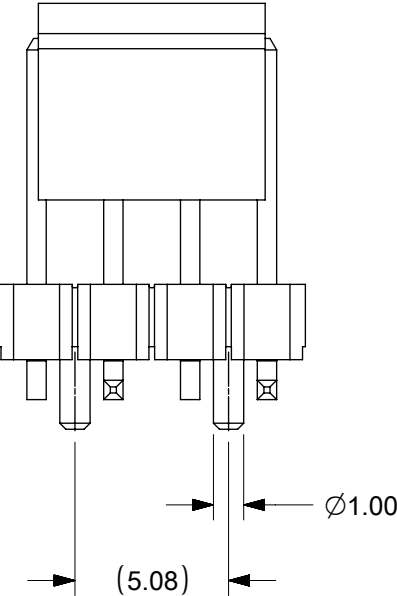
SHEET NUMBER

4 OF 17

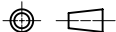
FORMAT: Mef-lega-master-ib-prod-A3

REVISION: D

DATE: 2018/01/18

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E	PACKAGING OPTION PART NO.						CKT SIZE	PEG	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						
	-----	-----	87898-0461	-----	-----	-----	4	---	----	1	10.16	7.62	11.94	8.13						
	-----	-----	87898-0462	-----	-----	-----	4	---	----	2	10.16	7.62	11.94	8.13						
	-----	-----	87898-0464	-----	-----	-----	4	---	----	4	10.16	7.62	11.94	8.13						
	-----	-----	87898-0465	-----	-----	-----	4	---	----	5	10.16	7.62	11.94	8.13						
	-----	-----	87898-0466	-----	-----	87898-0467	4	---	----	6	10.16	7.62	11.94	8.13						
	-----	-----	-----	-----	-----	87898-0468	4	Y	----	6	10.16	7.62	11.94	8.13						
	D	-----	-----	87898-0561	-----	-----	-----	5	---	----	1	12.70	10.16	11.94	8.13					
-----		-----	87898-0562	-----	-----	-----	5	---	----	2	12.70	10.16	11.94	8.13						
-----		-----	87898-0564	-----	-----	-----	5	---	----	4	12.70	10.16	11.94	8.13						
-----		-----	87898-0565	-----	-----	-----	5	---	----	5	12.70	10.16	11.94	8.13						
-----		-----	87898-0566	87898-0567	-----	87898-0568	5	---	----	6	12.70	10.16	11.94	8.13						
C																				
	-----	-----	87898-0661	-----	-----	-----	6	---	----	1	15.24	12.70	11.94	8.13						
	-----	-----	87898-0662	-----	-----	-----	6	---	----	2	15.24	12.70	11.94	8.13						
	-----	-----	87898-0664	-----	-----	-----	6	---	----	4	15.24	12.70	11.94	8.13						
	-----	-----	87898-0665	-----	-----	-----	6	---	----	5	15.24	12.70	11.94	8.13						
	-----	-----	87898-0666	-----	-----	C 87898-0605	6	---	----	6	15.24	12.70	11.94	8.13						
B	4 CKT WITH PEG FOR ILLUSTRATION ONLY																			
																				
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	DOCUMENT STATUS		P1	RELEASE DATE	2018/06/13	11:06:55														
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DIMENSION UNITS	SCALE	
mm	NTS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	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	

CURRENT REV DESC: SH_04 & 05 UPDATED

EC NO: 177265

DRWN: RLALSANGI

CHK'D: MBELLE

APPR: ISHWARG

2018/05/16

2018/05/25

2018/06/13

INITIAL REVISION:

DRWN: SKLIM01

APPR: PTLIM

2005/10/26

2005/11/07

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 17

[illegible]

[illegible]

[illegible]

[illegible]

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																					
	-----	-----	87898-3761	-----	-----	-----	37	----	1	93.98	91.44	11.94	8.13																					
	-----	-----	87898-3762	-----	-----	-----	37	----	2	93.98	91.44	11.94	8.13																					
	-----	-----	87898-3764	-----	-----	-----	37	----	4	93.98	91.44	11.94	8.13																					
	-----	-----	87898-3765	-----	-----	-----	37	----	5	93.98	91.44	11.94	8.13																					
	-----	-----	87898-3766	-----	-----	-----	37	----	6	93.98	91.44	11.94	8.13																					
	D	-----	-----	87898-3861	-----	-----	-----	38	----	1	96.52	93.98	11.94	8.13																				
-----		-----	87898-3862	-----	-----	-----	38	----	2	96.52	93.98	11.94	8.13																					
-----		-----	87898-3864	-----	-----	-----	38	----	4	96.52	93.98	11.94	8.13																					
-----		-----	87898-3865	-----	-----	-----	38	----	5	96.52	93.98	11.94	8.13																					
-----		-----	87898-3866	-----	-----	-----	38	----	6	96.52	93.98	11.94	8.13																					
C																																		
	-----	-----	87898-3961	-----	-----	-----	39	----	1	99.06	96.52	11.94	8.13																					
	-----	-----	87898-3962	-----	-----	-----	39	----	2	99.06	96.52	11.94	8.13																					
	-----	-----	87898-3964	-----	-----	-----	39	----	4	99.06	96.52	11.94	8.13																					
	-----	-----	87898-3965	-----	-----	-----	39	----	5	99.06	96.52	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 mm SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) 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 16 OF 17 CURRENT REV DESC: SH_04 & 05 UPDATED EC NO: 177265 DRWN: RLALSANGI 2018/05/16 CHK'D: MBELLE 2018/05/25 APPR: ISHWARG 2018/06/13 INITIAL REVISION: DRWN: SKLIM01 2005/10/26 APPR: PTLIM 2005/11/07 DOCUMENT NUMBER SD-87898-003 DOC TYPE PSD DOC PART 001 REVISION C CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER PRODUCT CUSTOMER DRAWING DOCUMENT STATUS P1 RELEASE DATE 2018/06/13 11:06:55																	9		8		7		6		5		4		3		2		1	

