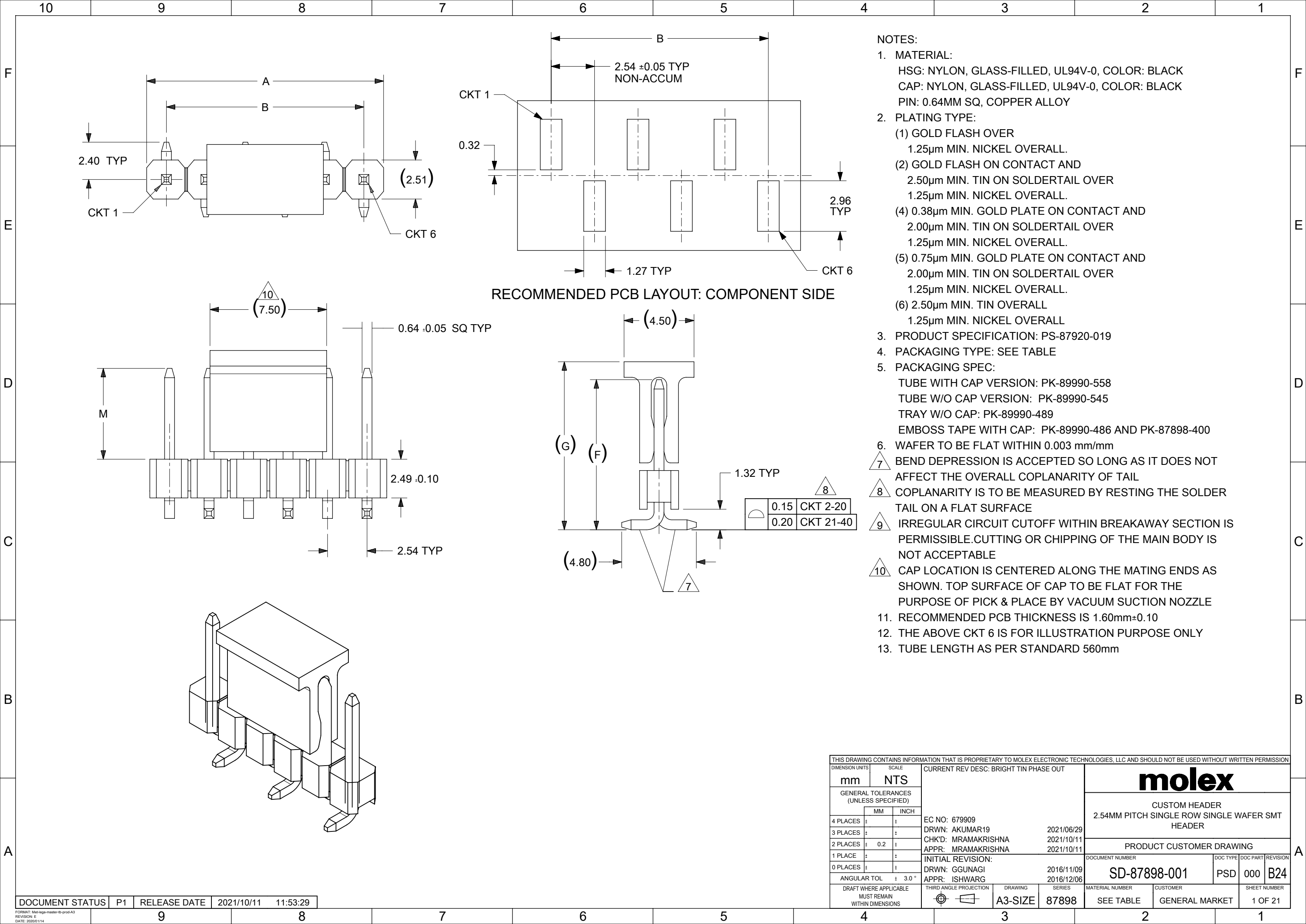




	10	9	8	7	6	5	4	3	2	1										
F	PACKAGING OPTION PART NO.						B24	REFER TO LAST SHEET FOR 2CKT SIZE												
	TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP							CKT SIZE	VOID POSITION	PLATING TYPE	A	B	G	F	M
	87898-0301	-----	-----	-----	-----	-----							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
D																				
C																				
B																				
A																				
DOCUMENT STATUS		P1	RELEASE DATE	2021/10/11	11:53:29	7	6	5	4	3	2	1								
FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14		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	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				
-----	-----	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				
87898 - 0482	-----	-----	-----	-----	-----	4	-----	---	CKT # 1, 2 & 3	1.00	10.16	7.62	---	16.65	12.84	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				
-----	-----	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				
-----	-----	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	C			
-----	-----	-----	-----	-----	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				
-----	-----	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				
-----	-----	87898-0628	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	B			
-----	-----	-----	-----	-----	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				

[illegible]

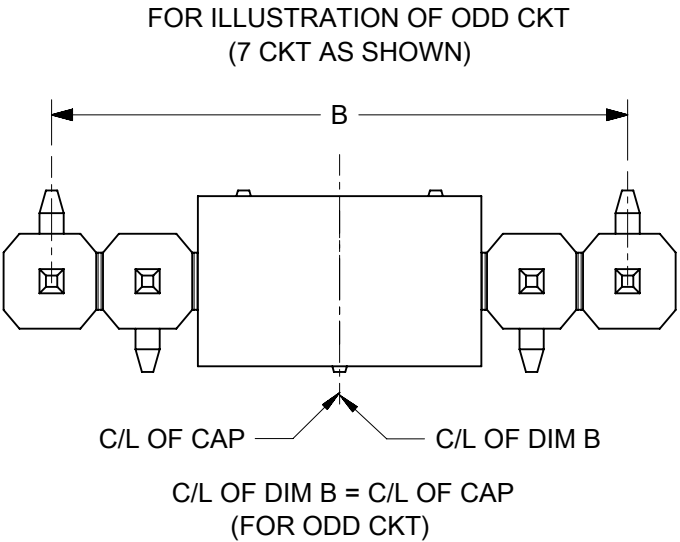
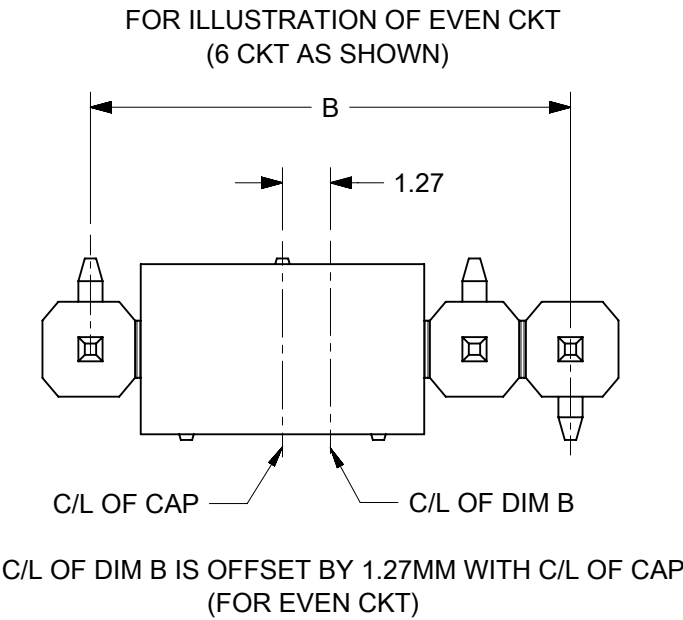
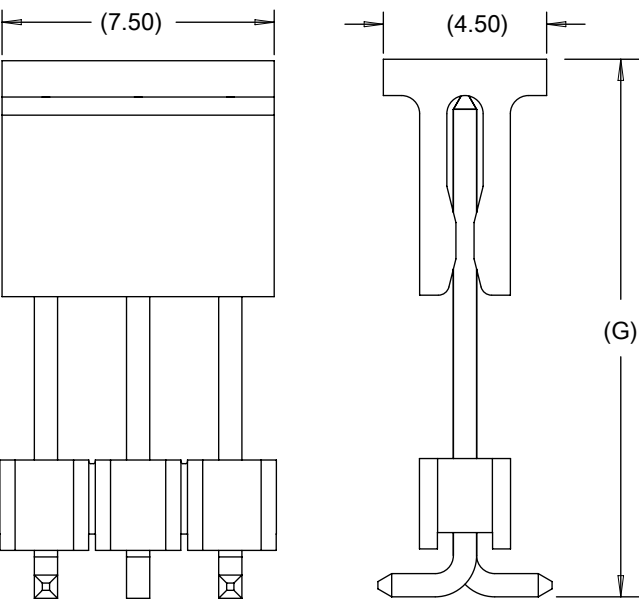
[illegible]

[illegible]

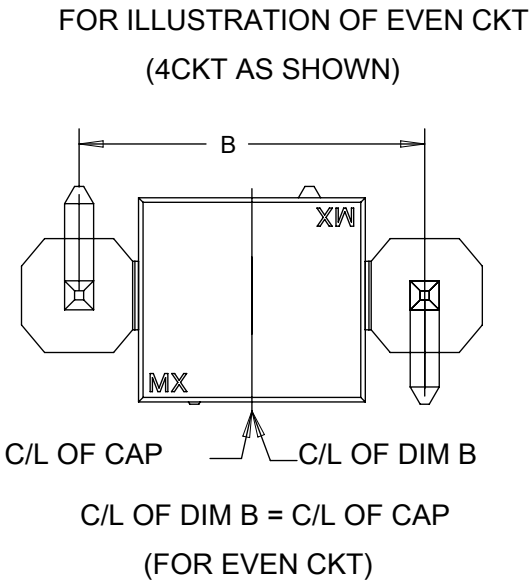
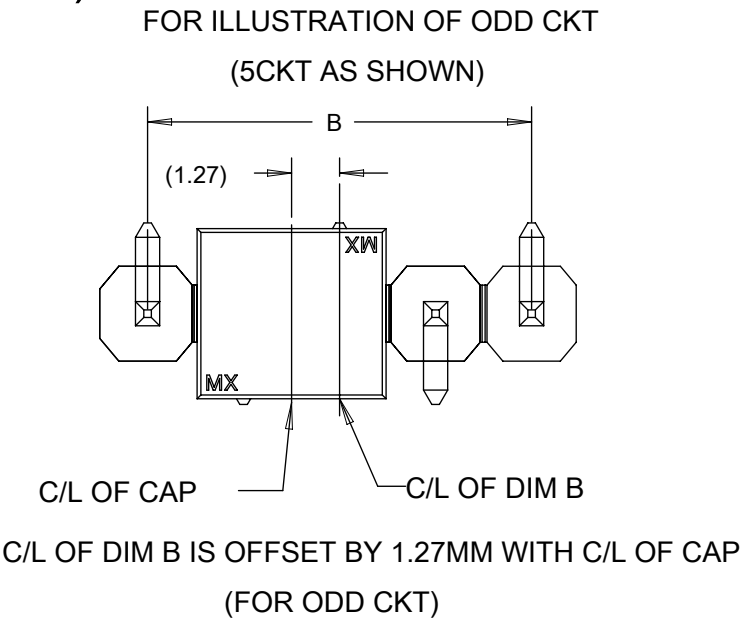
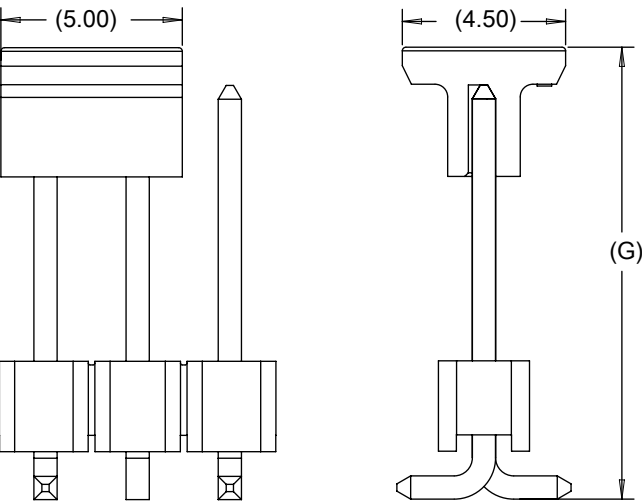
[illegible]

	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
C														
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) MMINCH 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: BRIGHT TIN PHASE OUT EC NO: 679909 DRWN: AKUMAR19 CHK'D: MRAMAKRISHNA APPR: MRAMAKRISHNA 2021/06/29 2021/10/11 2021/10/11 2021/10/11 molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-87898-001 DOC TYPE PSD DOC PART 000 REVISION B24 INITIAL REVISION: DRWN: GGUNAGI APPR: ISHWARG 2016/11/09 2016/12/06 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 11 OF 21 DOCUMENT STATUS P1 RELEASE DATE 2021/10/11 11:53:29														
	9	8	7	6	5	4	3	2	1					

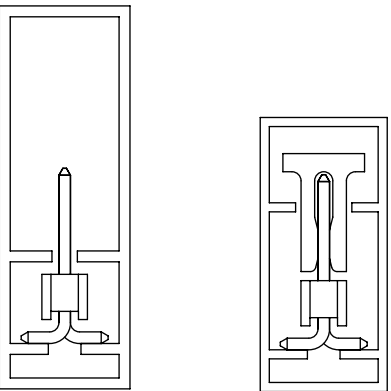
CAP ORIENTATION (CAP P/N: 87938-0001)



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

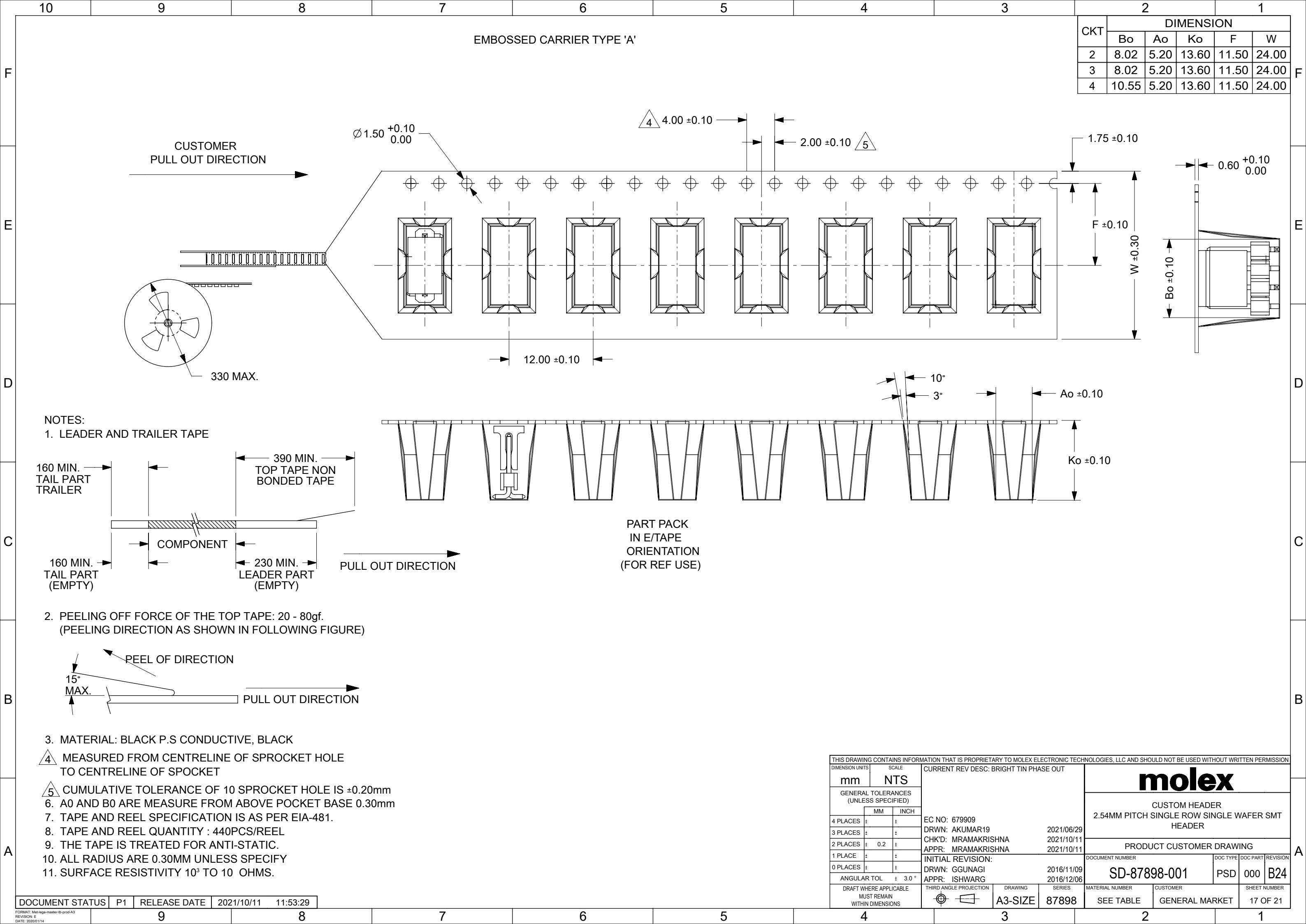


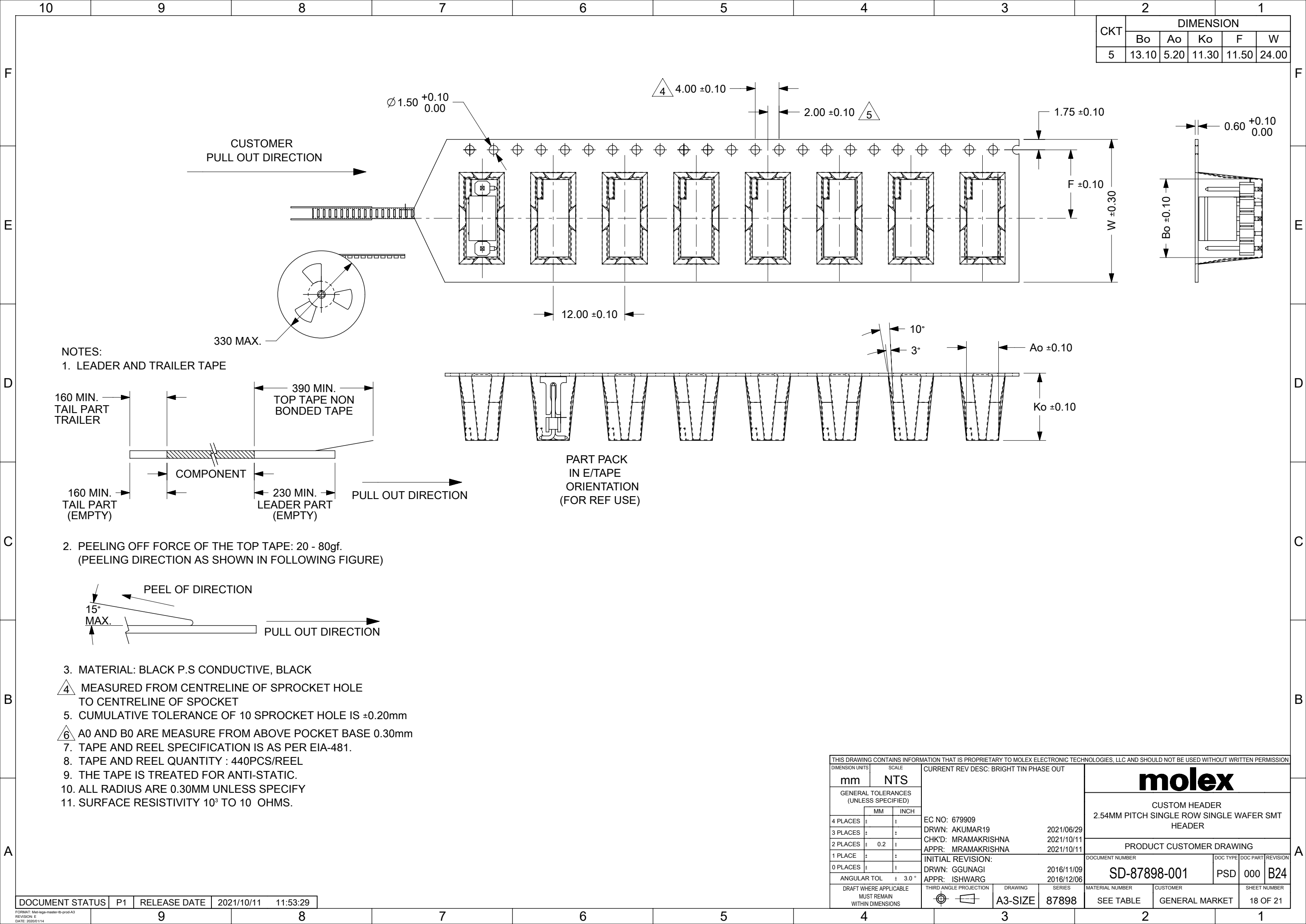
PART ORIENTATION IN TUBE

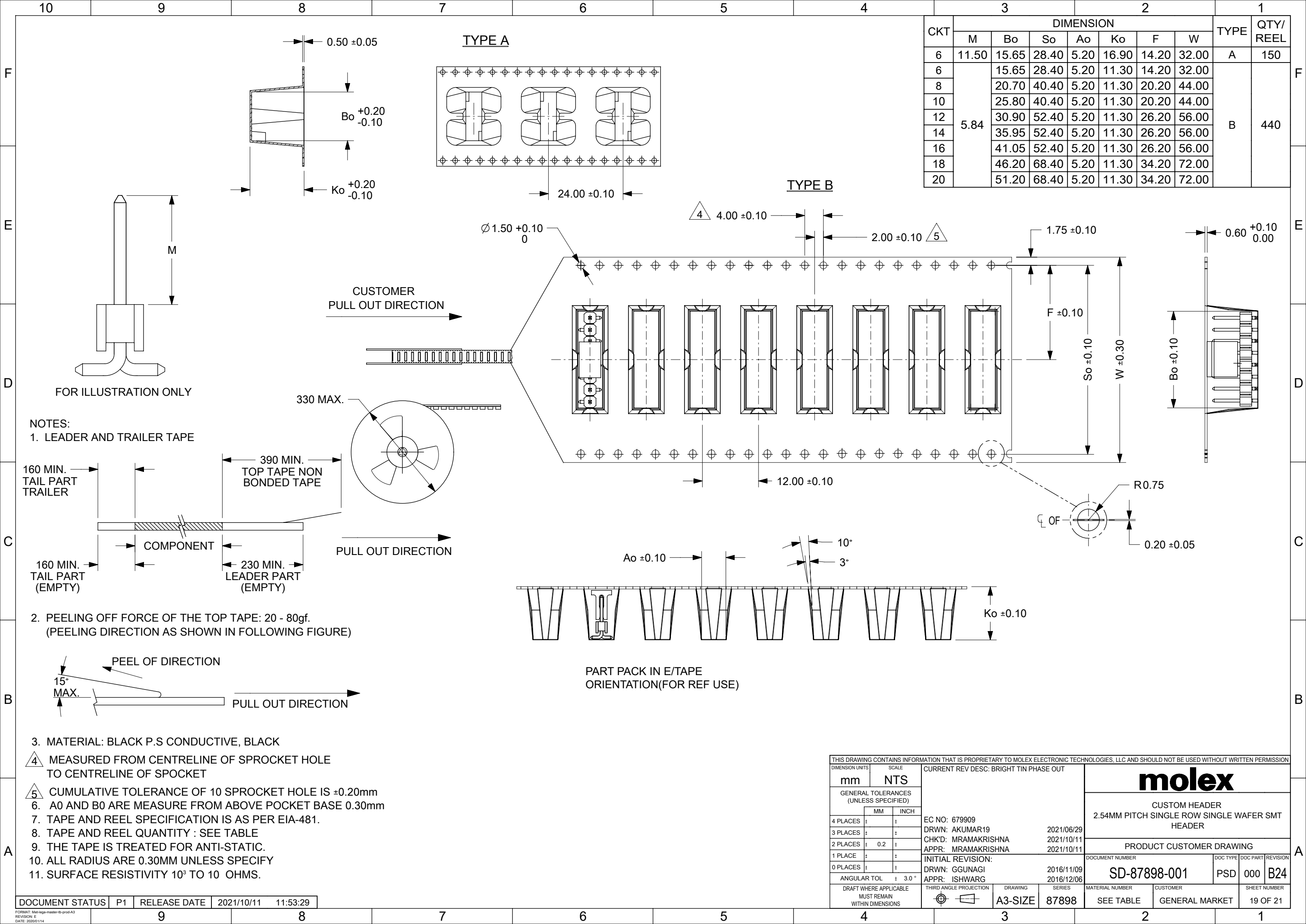


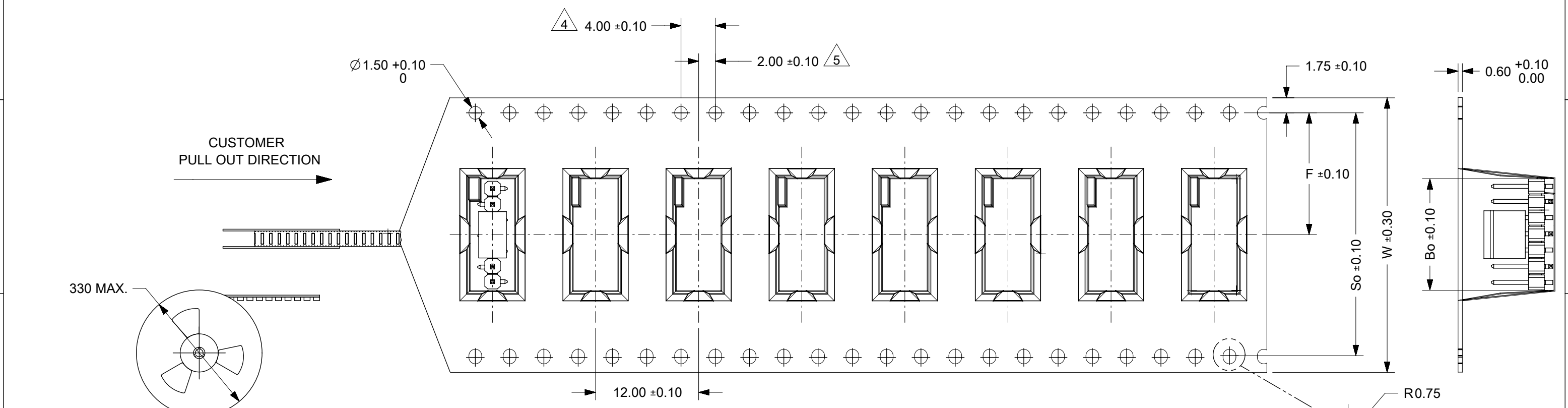
PART WITHOUT CAP PART WITH CAP

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 CHK'D: MRAMAKRISHNA APPR: MRAMAKRISHNA INITIAL REVISION: DRWN: GGUNAGI APPR: ISHWARG			CUSTOMER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER				
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.2									
1 PLACE		±									
0 PLACES		±		2021/06/29 2021/10/11 2021/10/11			PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 3.0 °				2016/11/09 2016/12/06			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
						A3-SIZE	87898	SEE TABLE	GENERAL MARKET	16 OF 21	

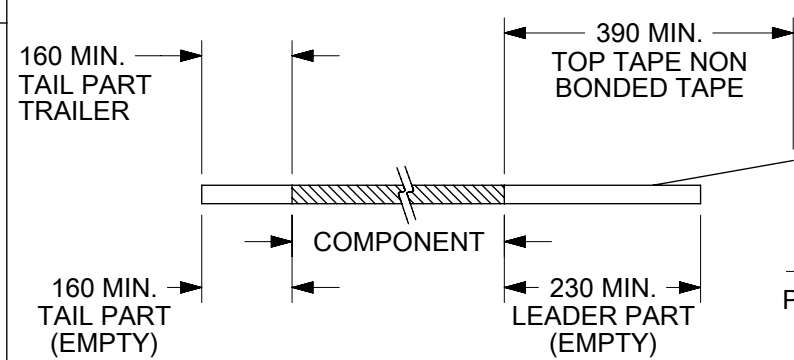




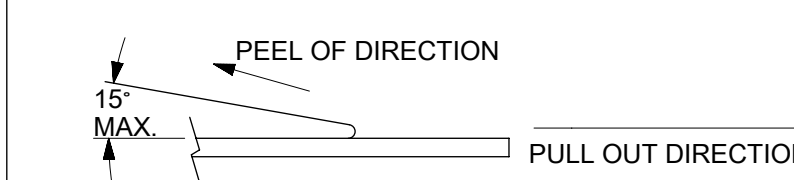




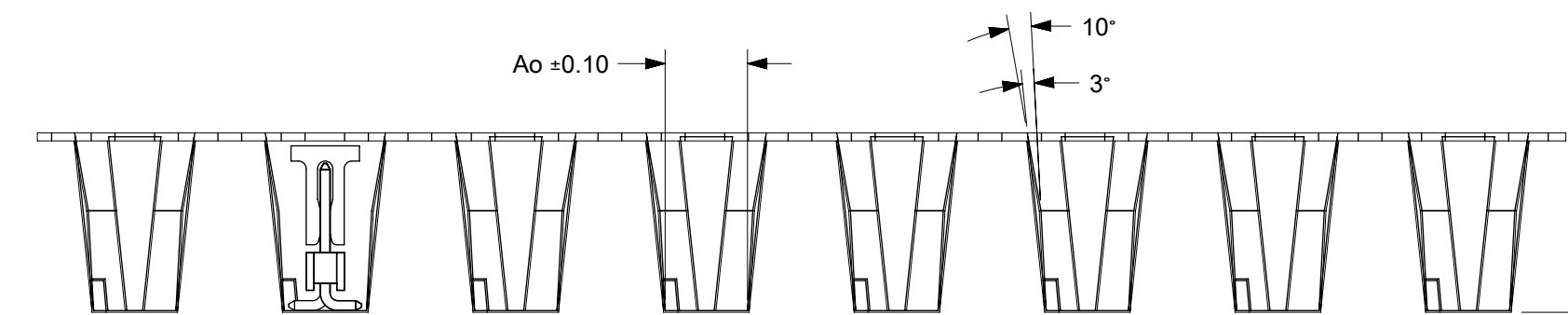
NOTES:
1. LEADER AND TRAILER TAPE



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. A0 AND B0 ARE MEASURE 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 10³ TO 10 OHMS.



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

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:29
-----------------	----	--------------	------------	----------

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909
DRWN: AKUMAR19
CHK'D: MRAMAKRISHNA
APPR: MRAMAKRISHNA

2021/06/29
2021/10/11
2021/10/11

INITIAL REVISION:
DRWN: GGUNAGI
APPR: ISHWARG

2016/11/09
2016/12/06

molex

CUSTOM HEADER
2.54MM PITCH SINGLE ROW SINGLE WAFER SMT
HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-87898-001	PSD	000	B24

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	20 OF 21

