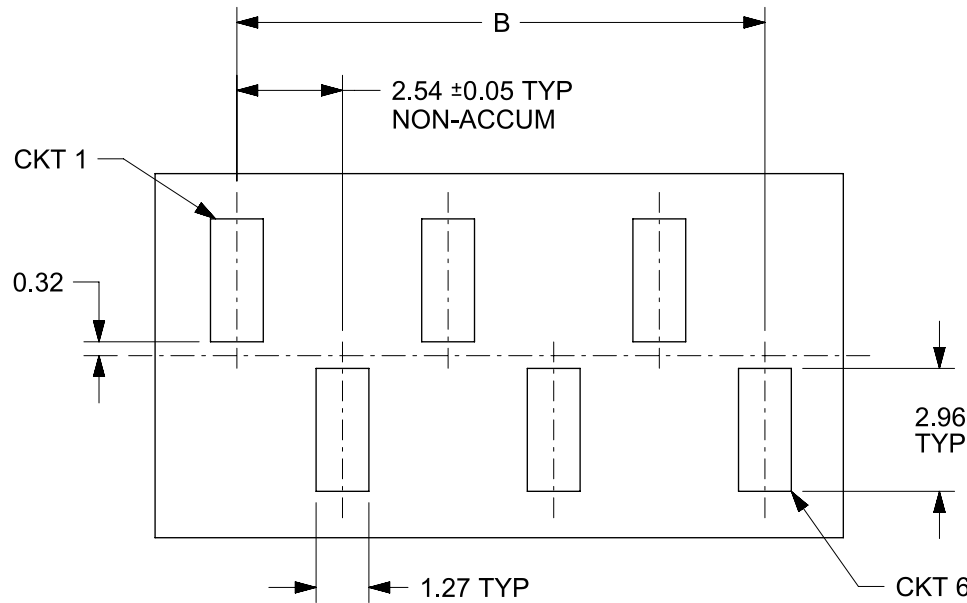
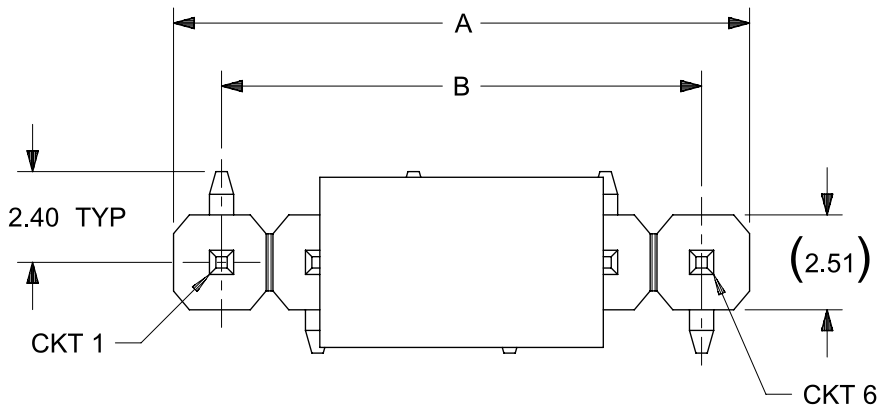
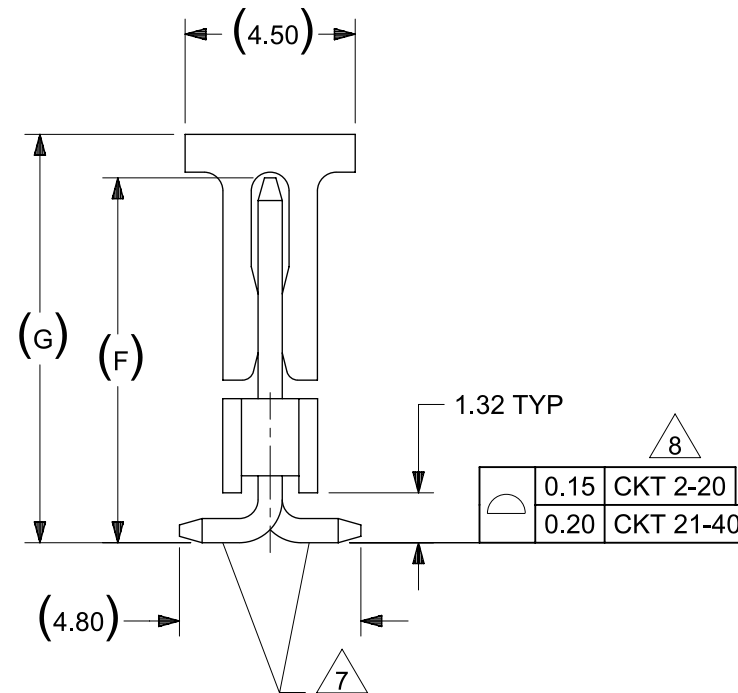
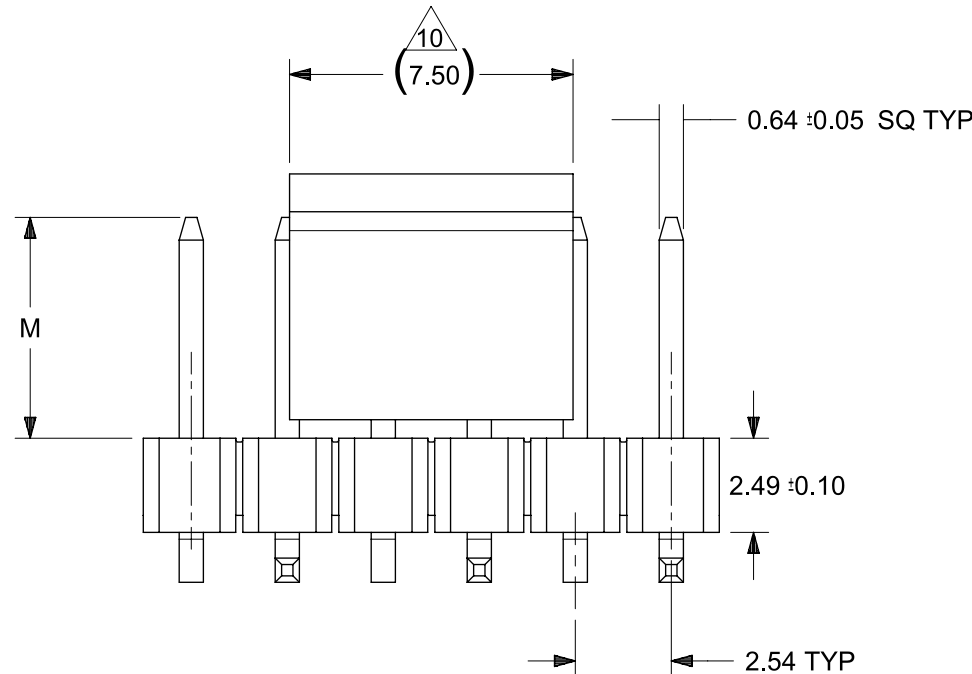


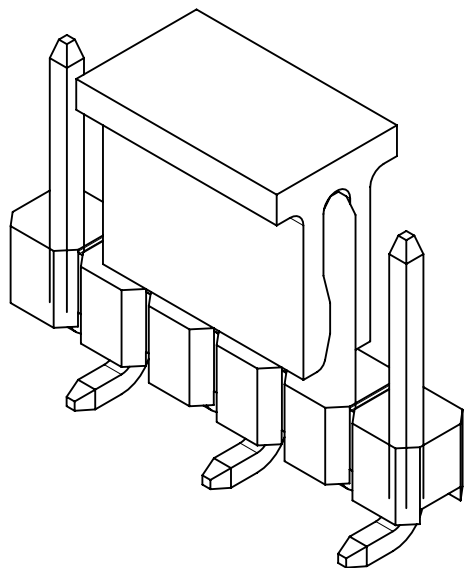


RECOMMENDED PCB LAYOUT: COMPONENT SIDE



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 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
- 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



FUNCTIONAL SYMBOLS	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: PRODUCTION RELEASE			molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER PRODUCT CUSTOMER DRAWING							
F_A = 0	mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)									DOCUMENT NUMBER		DOC TYPE
F_C = 0	ANGULAR TOL ± 3°		STATUS: Production		SD-87898-001							PSD	000	B29
F_P = 0	4 PLACES	±	DRWN: Meghraj Boodagatti 2026-07-20		2026-08-12		SHEET NUMBER 1 OF 21							
DIVISIONAL SYMBOLS	3 PLACES	±	CHK'D: Meghraj Boodagatti 2026-08-12		2026-08-12									
	2 PLACES	± 0.200	APPR: Saravanakumar Murugesan 2026-08-12											
	1 PLACE	±												
	0 PLACES	±												
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER							
				A3-SIZE	87898	SEE TABLE	GENERAL MARKET							

[illegible]

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					CAP (SEE SHEET-16)			
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	1		
	-----	-----	87898-0422	87898-0432	-----	87898-0452	4	-----	2	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	87898-0424	87898-0434	-----	87898-0454	4	-----	4	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	87898-0425	87898-0435	-----	87898-0455	4	-----	5	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	87898-0426	87898-0436	-----	87898-0456	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	87898-0428	87898-0437	-----	87898-0460	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	-----	-----	-----	87898-0457	4	-----	6	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
	-----	-----	-----	-----	-----	87898-0458	4	-----	5	-----	-----	10.16	7.62	10.81	9.65	5.84	1		
----	----	-----	----	----	87898 - 0480	4	CKT# 4	5	----	----	10.16	7.62	14.70	13.65	9.84	1			
----	----	-----	----	----	87898 - 0481	4	----	6	CKT # 1, 2 & 3	1.00	10.16	7.62	17.70	16.65	12.84	1			
87898 - 0482	----	-----	----	----	----	4	----	---	CKT # 1, 2 & 3	1.00	10.16	7.62	---	16.65	12.84	----			
----	----	-----	----	----	87898 - 0483	4	----	6	CKT # 1, 2 & 3	1.00	10.16	7.62	14.70	13.65	9.84	1			
----	----	87898-0427	----	----	----	4	----	---	----	----	10.16	7.62	---	11.87	8.06	----			
----	----	-----	----	----	87898 - 0488	4	----	5	----	----	10.16	7.62	17.78	16.74	12.93	1			
D	-----	-----	87898-0521	87898-0531	-----	87898-0551	5	-----	1	----	----	12.70	10.16	10.81	9.65	5.84	1		
	-----	-----	87898-0522	87898-0532	-----	87898-0552	5	-----	2	----	----	12.70	10.16	10.81	9.65	5.84	1		
	-----	-----	87898-0524	87898-0534	-----	87898-0554	5	-----	4	----	----	12.70	10.16	10.81	9.65	5.84	1		
	-----	-----	87898-0525	87898-0535	-----	87898-0555	5	-----	5	----	----	12.70	10.16	10.81	9.65	5.84	1		
	-----	-----	87898-0526	87898-0536	87898-0583	87898-0556	5	-----	6	----	----	12.70	10.16	10.81	9.65	5.84	1		
	-----	-----	87898-0528	87898-0538	87898-0584	87898-0558	5	-----	6	----	----	12.70	10.16	10.81	9.65	5.84	1		
	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	1		
C	-----	-----	87898-0621	87898-0631	-----	87898-0651	6	-----	1	----	----	15.24	12.70	10.81	9.65	5.84	1		
	-----	-----	87898-0622	87898-0632	-----	87898-0652	6	-----	2	----	----	15.24	12.70	10.81	9.65	5.84	1		
	-----	-----	87898-0624	87898-0634	-----	87898-0654	6	-----	4	----	----	15.24	12.70	10.81	9.65	5.84	1		
	-----	-----	87898-0625	87898-0635	-----	87898-0655	6	-----	5	----	----	15.24	12.70	10.81	9.65	5.84	1		
	-----	-----	87898-0626	87898-0636	-----	87898-0656	6	-----	6	----	----	15.24	12.70	10.81	9.65	5.84	1		
	-----	-----	87898-0628	87898-0638	-----	87898-0658	6	-----	6	----	----	15.24	12.70	10.81	9.65	5.84	1		
	87898-0607	-----	-----	-----	-----	87898-0657	6	-----	6	----	----	15.24	12.70	16.47	15.31	11.50	1		
	----	----	-----	----	----	87898-0605	6	-----	5	----	----	15.24	12.70	12.98	11.94	8.13	1		
-----	-----	87898-0604	-----	-----	-----	6	---	5	----	----	15.24	12.70	---	13.31	9.50	----			
-----	-----	-----	-----	-----	87898-0676	6		6			15.24	12.70	14.33	13.31	9.50	1			
B																			
A																			

10		9		8		7		6		5		4		3		2		1	
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					CAP (SEE SHEET-16)					
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	-----	-----	87898-0721	87898-0731	-----	87898-0751	7	-----	1	17.78	15.24	10.81	9.65	5.84	1				
	-----	-----	87898-0722	87898-0732	-----	87898-0752	7	-----	2	17.78	15.24	10.81	9.65	5.84	1				
	-----	-----	87898-0724	87898-0734	-----	87898-0754	7	-----	4	17.78	15.24	10.81	9.65	5.84	1				
	-----	-----	87898-0725	87898-0735	-----	87898-0755	7	-----	5	17.78	15.24	10.81	9.65	5.84	1				
	-----	-----	87898-0726	87898-0736	-----	87898-0756	7	-----	6	17.78	15.24	10.81	9.65	5.84	1				
	-----	-----	87898-0727	87898-0737	-----	87898-0758	7	-----	6	17.78	15.24	10.81	9.65	5.84	1				
E	-----	-----	-----	-----	87898-0757	-----	7	-----	6	17.78	15.24	---	9.65	5.84	-----				
	-----	-----	-----	-----	87898-0759	-----	7	-----	6	17.78	15.24	---	9.65	5.84	-----				
	----	----	87898-0720	----	----	----	7	----	5	17.78	15.24	---	9.81	6.00	-----				
	----	----	87898-0767	----	----	----	7	----	5	17.78	15.24	---	13.81	10.00	-----				
D	-----	-----	87898-0821	87898-0831	-----	87898-0851	8	-----	1	20.32	17.78	10.81	9.65	5.84	1				
	-----	-----	87898-0822	87898-0832	-----	87898-0852	8	-----	2	20.32	17.78	10.81	9.65	5.84	1				
	-----	-----	87898-0824	87898-0834	-----	87898-0854	8	-----	4	20.32	17.78	10.81	9.65	5.84	1				
	-----	-----	87898-0825	87898-0835	-----	87898-0855	8	-----	5	20.32	17.78	10.81	9.65	5.84	1				
	-----	-----	87898-0826	87898-0836	-----	87898-0856	8	-----	6	20.32	17.78	10.81	9.65	5.84	1				
	-----	-----	87898-0827	87898-0837	-----	87898-0857	8	-----	6	20.32	17.78	10.81	9.65	5.84	1				
C	87898-0881	----	-----	----	----	----	8	----	4	20.32	17.78	---	21.84	17.91	-----				
	-----	-----	87898-0921	87898-0931	-----	87898-0951	9	-----	1	22.86	20.32	10.81	9.65	5.84	1				
	-----	-----	87898-0922	87898-0932	-----	87898-0952	9	-----	2	22.86	20.32	10.81	9.65	5.84	1				
	-----	-----	87898-0924	87898-0934	-----	87898-0954	9	-----	4	22.86	20.32	10.81	9.65	5.84	1				
B	-----	-----	87898-0925	87898-0935	-----	87898-0955	9	-----	5	22.86	20.32	10.81	9.65	5.84	1				
	-----	-----	87898-0926	87898-0936	-----	87898-0956	9	-----	6	22.86	20.32	10.81	9.65	5.84	1				
A																			

FUNCTIONAL SYMBOLS FA= FC= FP= DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	FA=	DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC: PRODUCTION RELEASE											
	FC=	GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production DRWN: Meghraj Boodagatti2026-07-20 CHK'D: Meghraj Boodagatti2026-08-12 APPR: Saravanakumar Murugesan2026-08-12 THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER											
	FP=	ANGULAR TOL ± 3°													
		4 PLACES ±													
		3 PLACES ±													
		2 PLACES ± 0.200	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION								
		1 PLACE ±	SD-87898-001		PSD	000	B29								
		0 PLACES ±	SEE TABLE		GENERAL MARKET		4 OF 21								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3-SIZE		87898										

FORMAT: TC-001-00-

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

10	9	8	7	6	5	4	3	2	1															
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					CAP (SEE SHEET-16)										
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	1										
-----	-----	87898-2522	87898-2532	-----	-----	25	-----	2	63.50	60.96	10.81	9.65	5.84	1										
-----	-----	87898-2524	87898-2534	-----	-----	25	-----	4	63.50	60.96	10.81	9.65	5.84	1										
-----	-----	87898-2525	87898-2535	-----	-----	25	-----	5	63.50	60.96	10.81	9.65	5.84	1										
-----	-----	87898-2526	87898-2536	-----	-----	25	-----	6	63.50	60.96	10.81	9.65	5.84	1										
-----	-----	87898-2621	87898-2631	-----	-----	26	-----	1	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2622	87898-2632	-----	-----	26	-----	2	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2624	87898-2634	-----	-----	26	-----	4	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2625	87898-2635	-----	-----	26	-----	5	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2626	87898-2636	-----	-----	26	-----	6	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2627	87898-2637	-----	-----	26	-----	6	66.04	63.50	10.81	9.65	5.84	1										
-----	-----	87898-2721	87898-2731	-----	-----	27	-----	1	68.58	66.04	10.81	9.65	5.84	1										
-----	-----	87898-2722	87898-2732	-----	-----	27	-----	2	68.58	66.04	10.81	9.65	5.84	1										
-----	-----	87898-2724	87898-2734	-----	-----	27	-----	4	68.58	66.04	10.81	9.65	5.84	1										
-----	-----	87898-2725	87898-2735	-----	-----	27	-----	5	68.58	66.04	10.81	9.65	5.84	1										
-----	-----	87898-2726	87898-2736	-----	-----	27	-----	6	68.58	66.04	10.81	9.65	5.84	1										

[illegible]

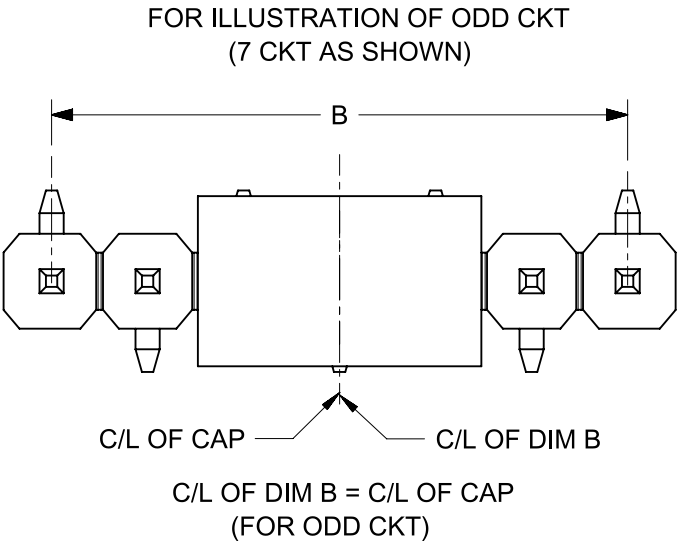
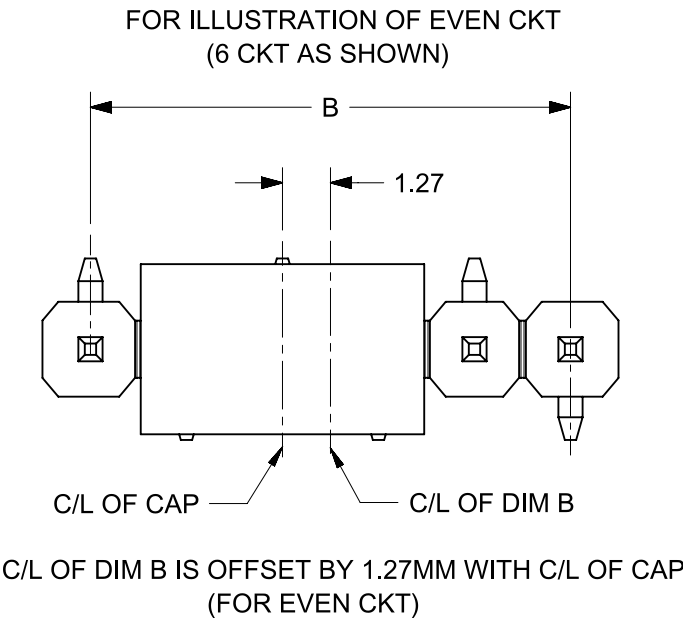
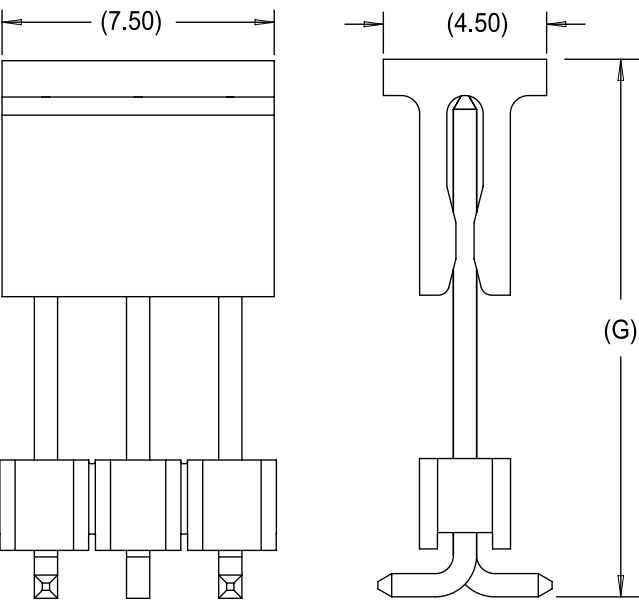
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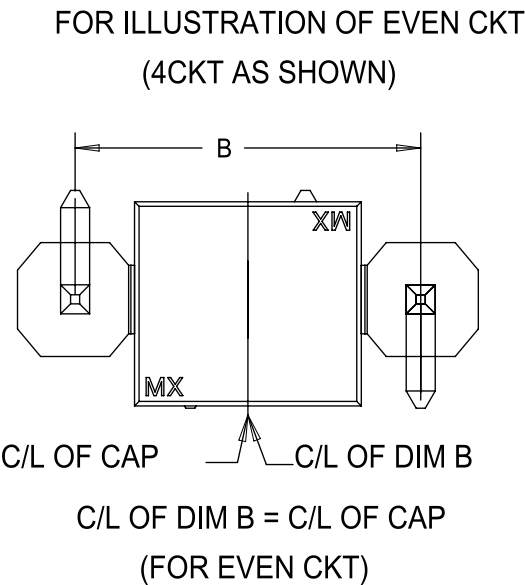
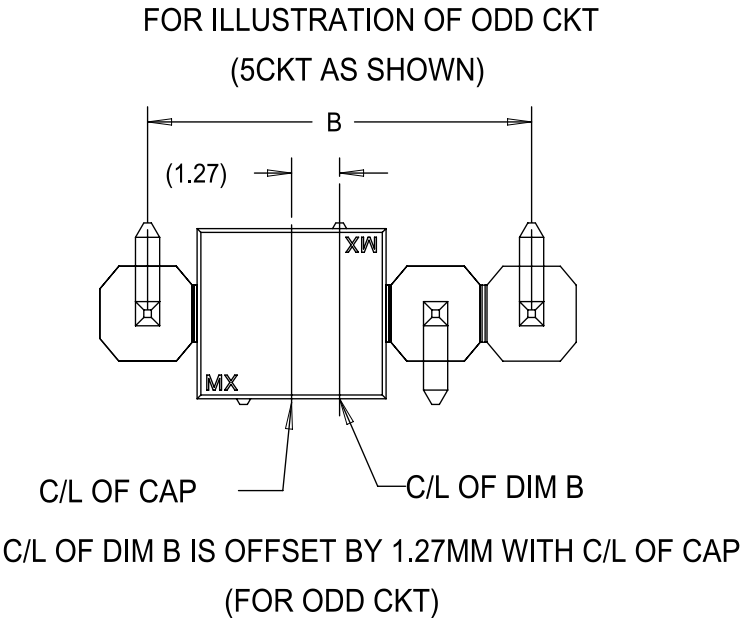
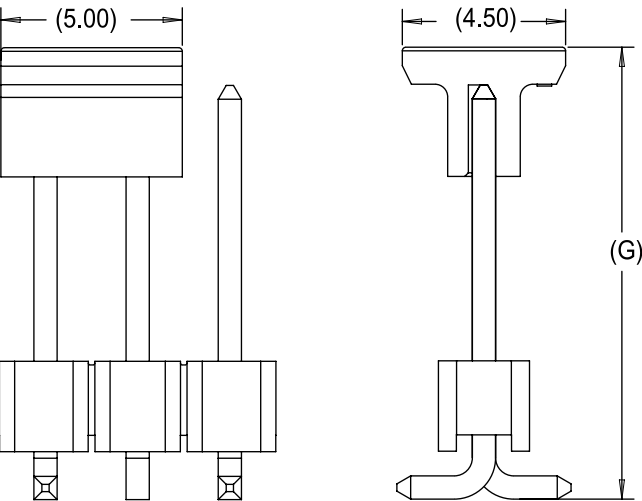
[illegible]

10	9	8	7	6	5	4	3	2	1						
PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					CAP (SEE SHEET-16)	
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		
-----	-----	87898-4021	87898-4031	-----	-----	40	-----	1	101.60	99.06	10.81	9.65	5.84	1	
-----	-----	87898-4022	87898-4032	-----	-----	40	-----	2	101.60	99.06	10.81	9.65	5.84	1	
-----	-----	87898-4024	87898-4034	-----	-----	40	-----	4	101.60	99.06	10.81	9.65	5.84	1	
-----	-----	87898-4025	87898-4035	-----	-----	40	-----	5	101.60	99.06	10.81	9.65	5.84	1	
-----	-----	87898-4026	87898-4036	-----	-----	40	-----	6	101.60	99.06	10.81	9.65	5.84	1	

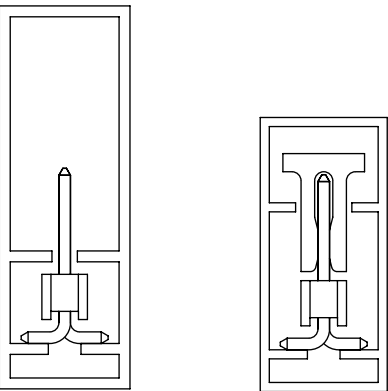
CAP ORIENTATION (CAP - 1)



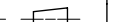
CAP ORIENTATION (CAP - 2)

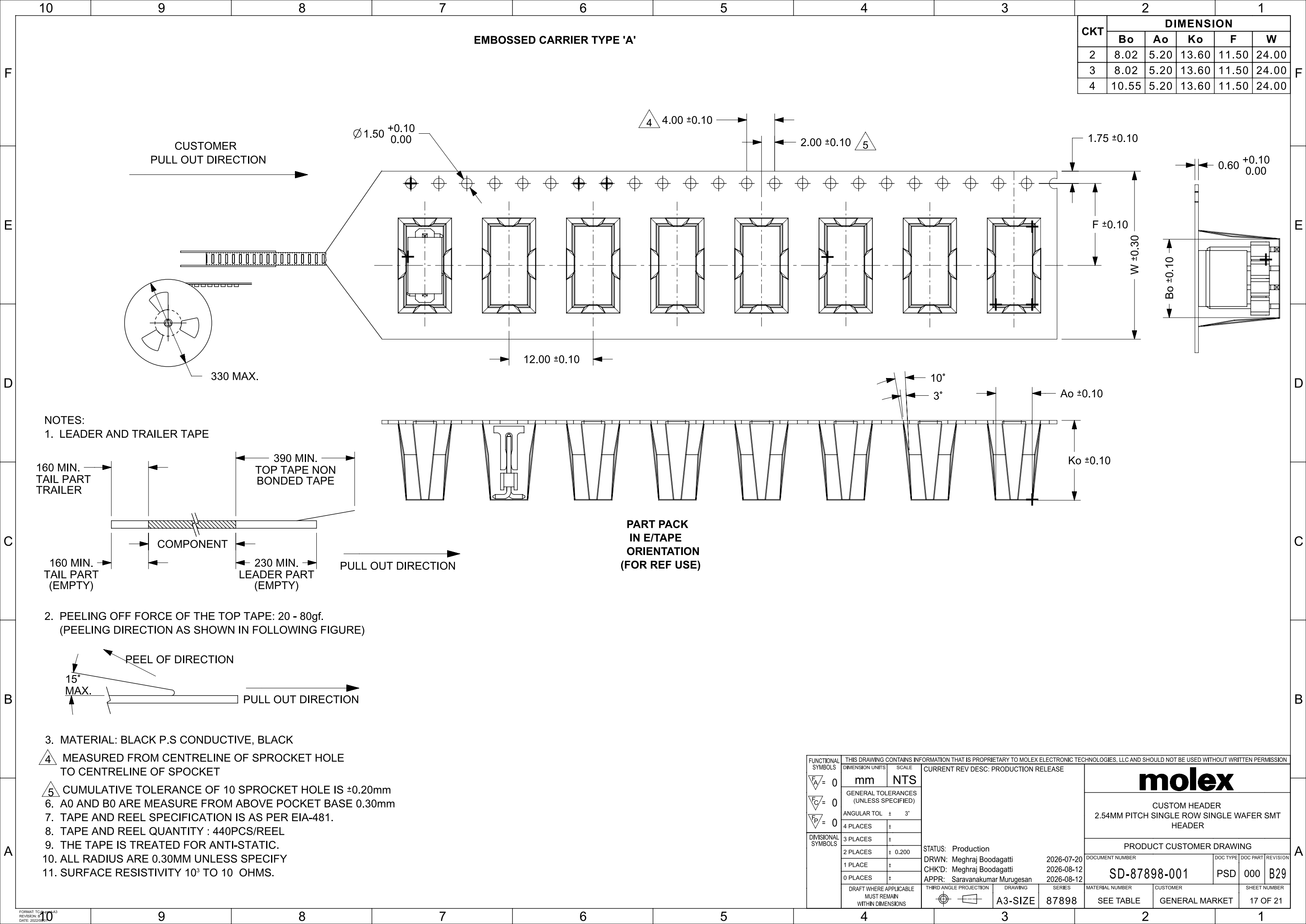


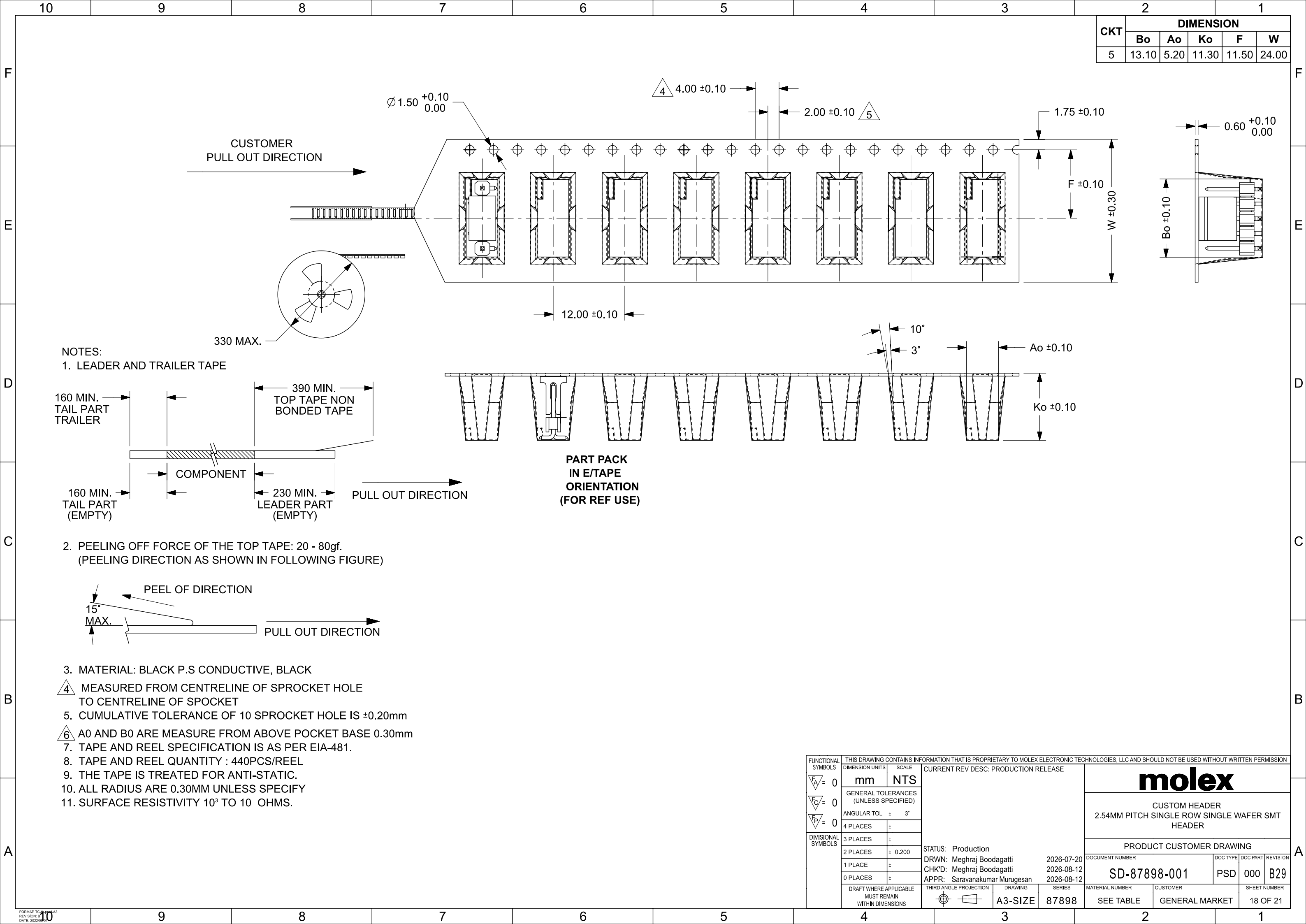
PART ORIENTATION IN TUBE

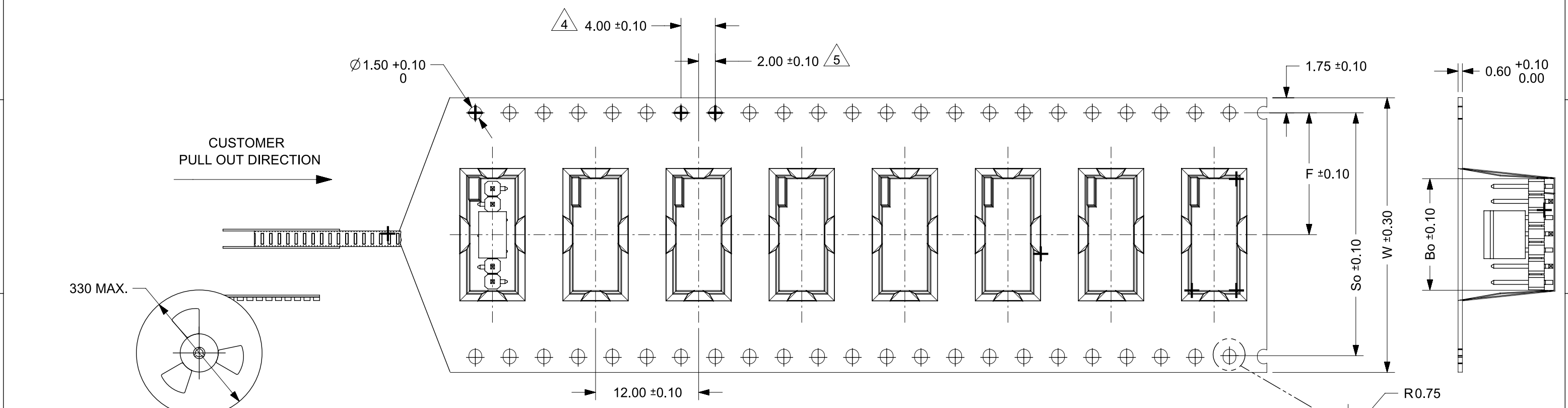


PART WITHOUT CAP PART WITH CAP

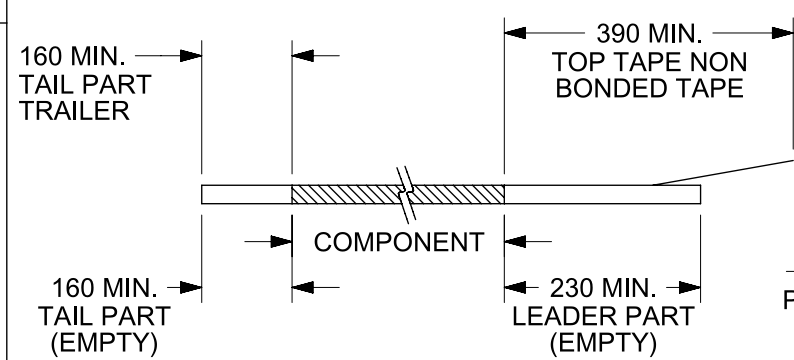
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC: PRODUCTION RELEASE				molex		
	mm	NTS								
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			STATUS: Production DRWN: Meghraj Boodagatti2026-07-20 CHK'D: Meghraj Boodagatti2026-08-12 APPR: Saravanakumar Murugesan2026-08-12 THIRD ANGLE PROJECTION  DRAWING A3-SIZE SERIES 87898						
	ANGULAR TOL ± 3°									
	4 PLACES		±							
	3 PLACES		±							
	2 PLACES		± 0.200							
	1 PLACE		±							
	0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
CUSTOMER DRAWING CUSTOMER GENERAL MARKET										
DOCUMENT NUMBER SD-87898-001										
DOC TYPE PSD										
DOC PART 000										
REVISION B29										
MATERIAL NUMBER SEE TABLE										
SHEET NUMBER 16 OF 21										



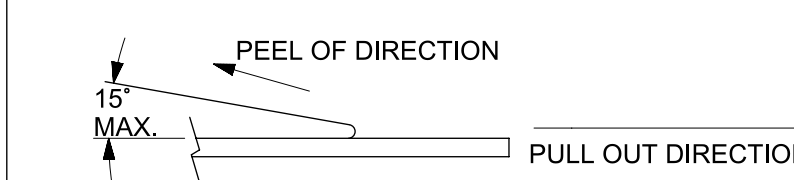




NOTES:
1. LEADER AND TRAILER TAPE

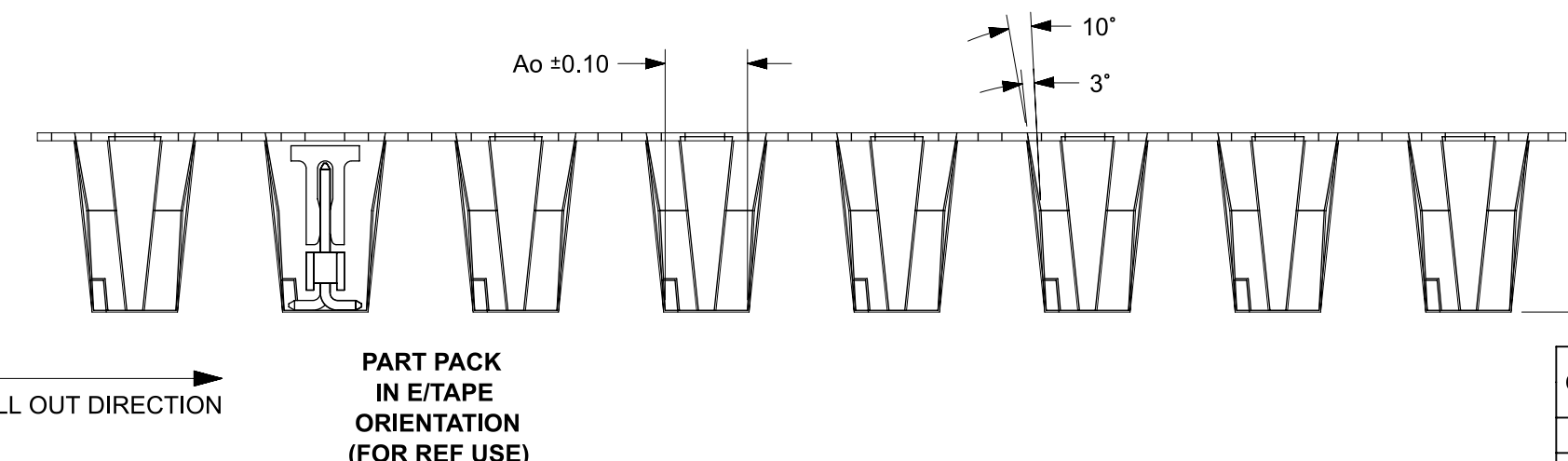


2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



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

A

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS 3 PLACES 2 PLACES 1 PLACE 0 PLACES DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: PRODUCTION RELEASE		molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER			
	DIMENSION UNITS	SCALE						
	mm	NTS						
	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING			
	ANGULAR TOL ± 3°				DOCUMENT NUMBER			
4 PLACES ±					DOC TYPE			
3 PLACES ±					DOC PART			
2 PLACES ± 0.200					REVISION			
1 PLACE ±					SD-87898-001			
0 PLACES ±					PSD			
					000			
					B29			
					SHEET NUMBER			
					20 OF 21			

STATUS: Production

DRWN: Meghraj Boodagatti

CHK'D: Meghraj Boodagatti

APPR: Saravanakumar Murugesan

2026-07-20

2026-08-12

2026-08-12

THIRD ANGLE PROJECTION

DRAWING

SERIES

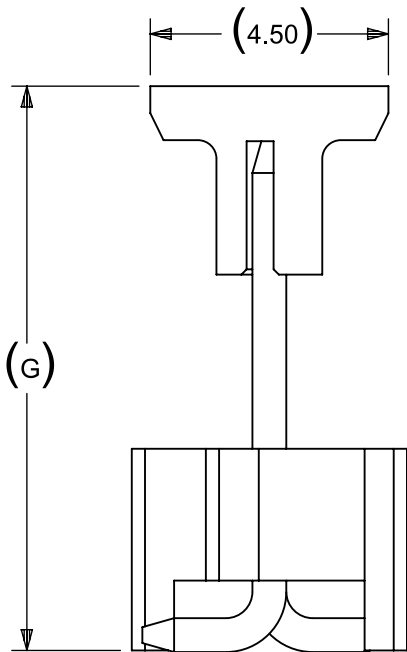
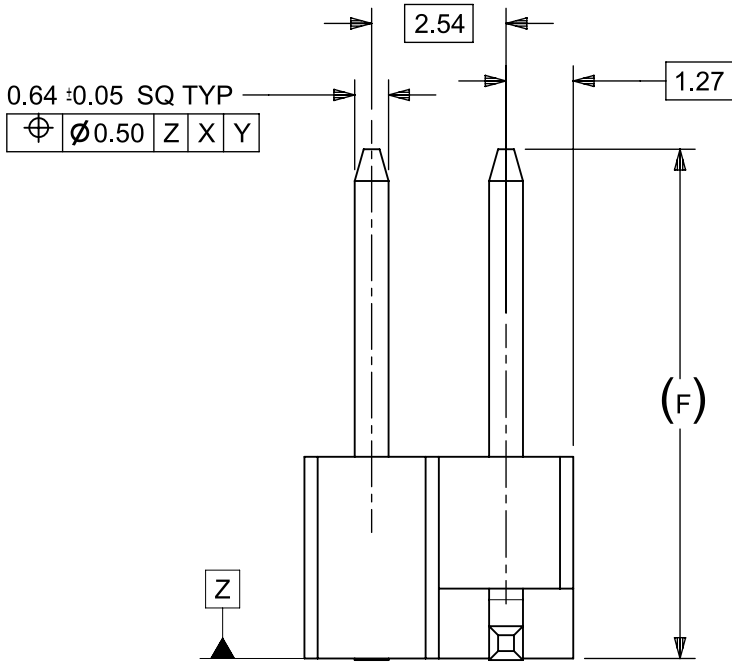
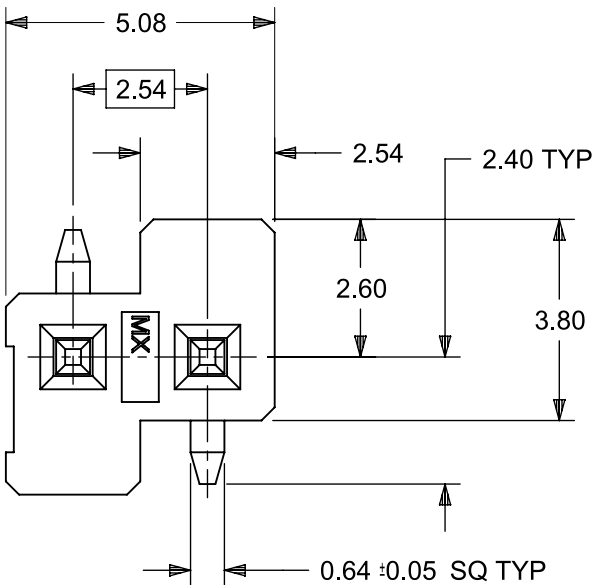
SEE TABLE

GENERAL MARKET

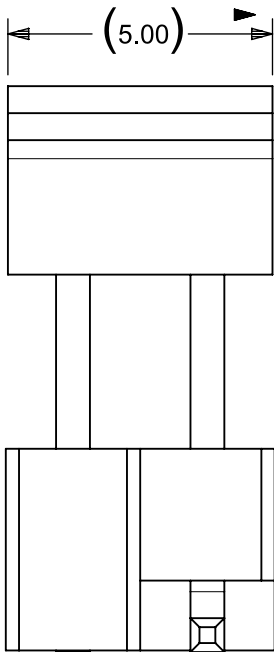
20 OF 21

A3-SIZE

87898



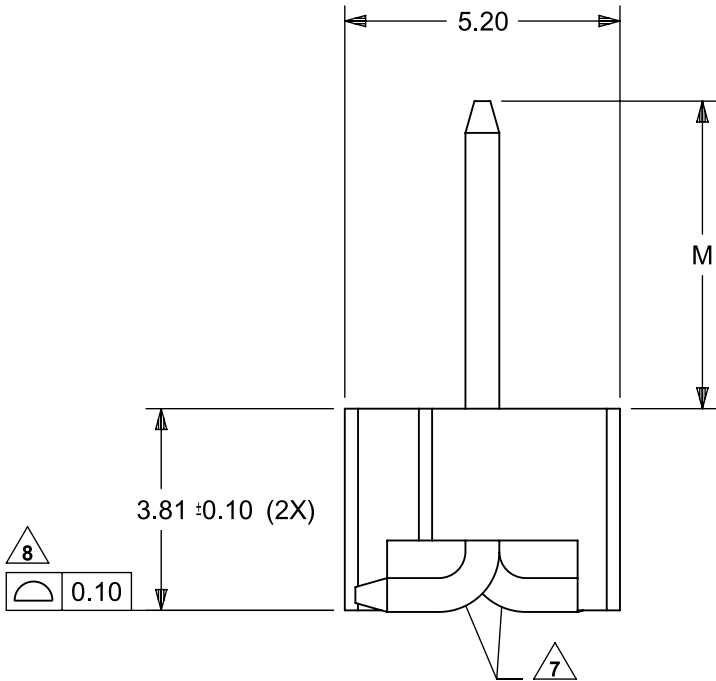
CONN WITH CAP



CONN WITH CAP

PACKAGING OPTION PART NO.						CKT SIZE	PLATING TYPE	DIMENSION			CAP (SEE SHEET-16)
TRAY WITHOUT CAP	TRAY WITH CAP	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL WITHOUT CAP	TAPE & REEL WITH CAP			G	F	M	
-----	-----	-----	-----	87898-0224	87898-0218	2	4	10.69	9.65	5.84	2
-----	-----	-----	-----	-----	87898-0219	2	6	10.69	9.65	5.84	2
-----	-----	-----	87898-0220	-----	-----	2	6	10.64	9.60	5.84	----
-----	-----	-----	-----	-----	87898-0221	2	6	24.53	23.49	19.73	----

ONLY APPLICABLE TO 2CKT SIZE



- NOTES:
- MATERIAL:
HSG: LCP, 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 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
 - 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
EMBOSS TAPE WITH CAP: 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
 - 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

FUNCTIONAL SYMBOLS	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: PRODUCTION RELEASE					molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER							
	mm		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)		STATUS: Production DRWN: Meghraj Boodagatti2026-07-20 CHK'D: Meghraj Boodagatti2026-08-12 APPR: Saravanakumar Murugesan2026-08-12					PRODUCT CUSTOMER DRAWING									
	ANGULAR TOL ± 3°																
	4 PLACES ±																
	3 PLACES ±																
	2 PLACES ± 0.200																
	1 PLACE ±																
	0 PLACES ±																
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		87898		SD-87898-001		PSD		000		B29	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE TABLE		GENERAL MARKET		21 OF 21			