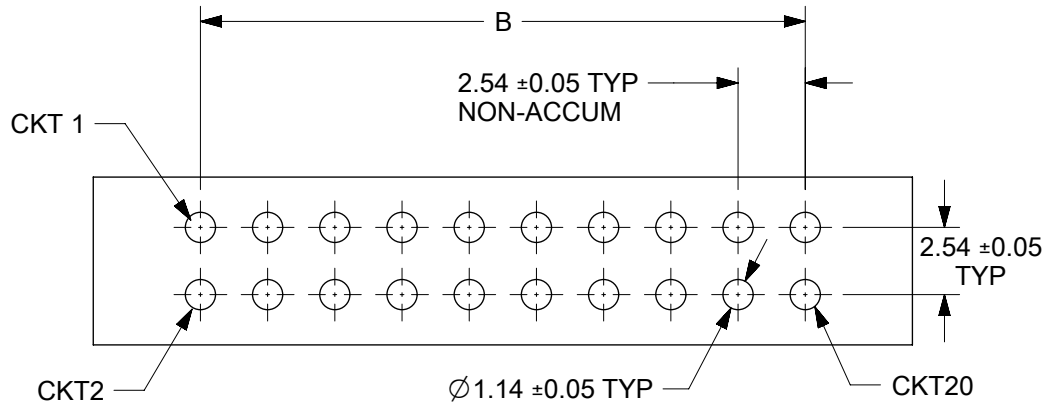
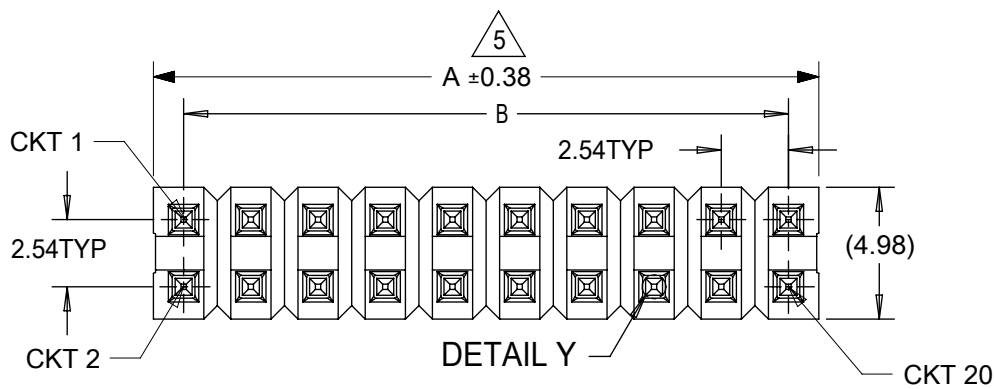


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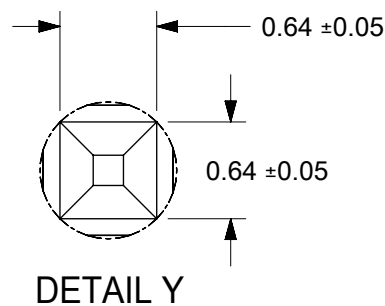
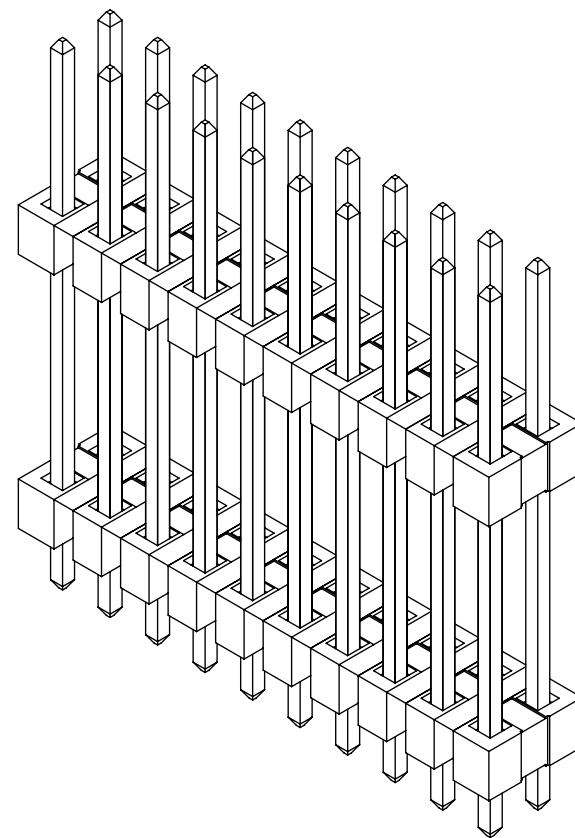
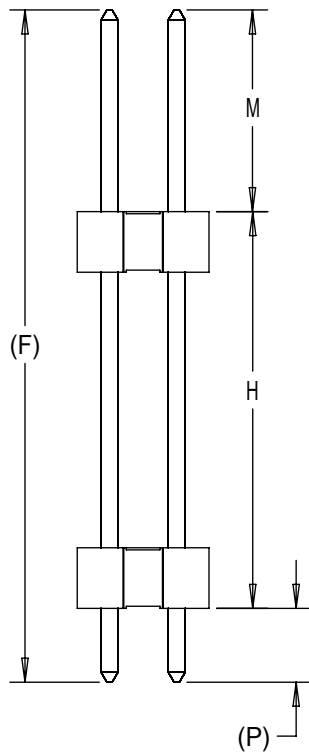
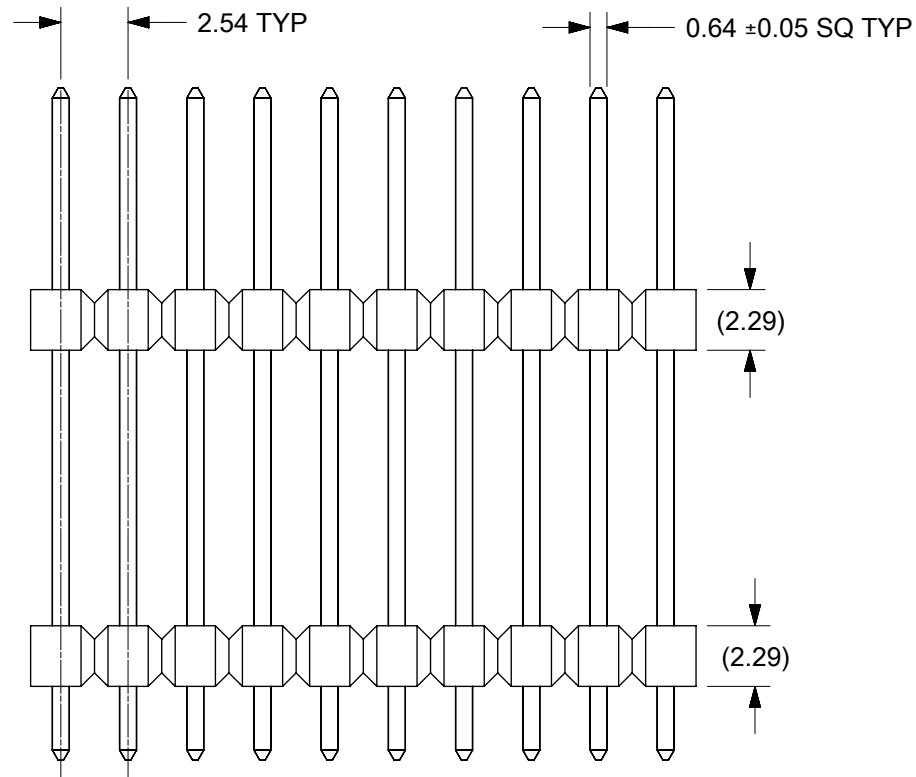
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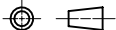


RECOMMENDED PCB LAYOUT: COMPONENT SIDE

NOTES:

1. MATERIAL:
HOUSING: LCP, GLASS FILLED, UL94V-0
COLOR: BLACK
PIN: COPPER ALLOY, SQ, 0.64MM
2. PLATING FINISH:
 - 1) GOLD FLASH OVERALL OVER
1.25µm MIN. NICKEL OVERALL
 - 2) 0.05µm MIN. GOLD IN CONTACT AREA AND
2.50µm MIN. TIN IN SOLDER AREA OVER
1.25µm MIN. NICKEL OVERALL
 - 3) 0.38µm MIN. GOLD IN CONTACT AREA AND
2.50µm MIN. TIN IN SOLDER AREA OVER
1.25µm MIN. NICKEL OVERALL
 - 4) 0.75µm MIN. GOLD IN CONTACT AREA AND
2.50µm MIN. TIN IN SOLDER AREA OVER
1.25µm MIN. NICKEL OVERALL
 - 5) 2.50µm MIN. TIN OVERALL
1.25µm MIN. NICKEL OVERALL
3. FOR PACKING OPTION PLEASE REFER TO THE TABLE.
4. THE ABOVE 20CKTS SHOWN IS FOR ILLUSTRATION ONLY.
5. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
6. WAFER TO BE FLAT WITHIN 0.003mm/mm
7. PARTS ARE NOT STACKABLE ON 2.54 CENTERS
8. RECOMMENDED PCB THICKNESS 1.60±0.10mm
9. PRODUCT SPEC: PS-87920-019
10. PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491
TUBE: PK-89990-300



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)				CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, THRU HOLE, VERT PRODUCT CUSTOMER DRAWING					
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	± 0.2	±							
1 PLACE	±	±							
0 PLACES	±	±							
ANGULAR TOL		± 3.0 °							
				DRWN: DANUSA		2022/01/05			
				CHK'D: DANUSA		2022/01/05			
				APPR: MRAMAKRISHNA					
INITIAL REVISION:									
				DRWN: SKLIM01		2006/03/01			
				APPR: PATEY		2006/03/03			
DRAFT WHERE APPLICABLE				THIRD ANGLE PROJECTION		DRAWING		SERIES	
MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		87797	
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/05	07:44:43
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FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14

9 8 7 6 5 4 3 2 1

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A

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F	CKT SIZE	DIMENSION																		PART NO FOR TUBE PACKAGING	PART NO FOR TRAY PACKAGING	PART NO FOR BULK PACKAGING	CKT SIZE	PEG OPTION	VOID POSITION	PLATING TYPE	DIMENSION			
		A	B																								F	MATING END	STACKER HEIGHT	SOLDER TAIL
	04			5.08	2.54	18.56	3.78	11.00	3.78																					
	06	7.62	5.08	18.56	3.78	11.00	3.78																							
	08	10.16	7.62	26.80	4.00	20.00	2.80																							
	10	12.70	10.16	11.00	3.00	5.00	3.00																							
	12	15.24	12.70	33.60	5.00	25.60	3.00																							
	14	17.78	15.24	33.60	5.00	25.60	3.00																							
	16	20.32	17.78	35.70	7.90	25.00	2.80																							
	E	18	22.86	20.32	22.50	6.00	13.00	3.50																						
20		25.40	22.86	27.80	10.70	13.80	3.30																							
22		27.94	25.40	27.80	10.70	13.80	3.30																							
24		30.48	27.94	41.00	20.00	14.00	7.00																							
26		33.02	30.48	45.00	5.25	34.50	5.25																							
28		35.56	33.02	18.54	3.05	12.70	2.79																							
30		38.10	35.56	19.30	7.20	9.30	2.80																							
32		40.64	38.10	25.31	6.61	15.65	3.05																							
34		43.18	40.64	32.14	10.80	19.05	2.29																							
36		45.72	43.18	18.54	8.13	7.62	2.79																							
D	38	48.26	45.72	19.50	6.80	7.50	5.20																							
	40	50.80	48.26	18.20	6.70	7.50	4.00																							
	42	53.34	50.80	35.70	6.00	27.00	2.70																							
	44	55.88	53.34	19.30	9.04	8.00	2.26																							
	46	58.42	55.88	16.00	5.84	7.62	2.54																							
	48	60.96	58.42	15.75	7.80	4.75	3.20																							
	50	63.50	60.96	23.00	11.70	8.00	3.30																							
	52	66.04	63.50	23.62	8.12	12.70	2.80																							
	54	68.58	66.04	20.96	9.91	8.00	3.05																							
	56	71.12	68.58	13.00	4.00	5.00	4.00																							
C	58	73.66	71.12	40.00	3.00	34.00	3.00																							
	60	76.20	73.66	22.70	6.60	13.10	3.00																							
	62	78.74	76.20	28.00	7.00	18.00	3.00																							
	64	81.28	78.74	28.00	12.21	9.35	6.44																							
	66	83.82	81.28	21.30	3.10	15.10	3.10																							
	68	86.36	83.82	36.32	5.18	25.98	5.16																							
	70	88.90	86.36	20.68	2.79	15.10	2.79																							
	72	91.44	88.90	31.00	8.50	14.00	8.50																							
	74	93.98	91.44	33.60	5.00	25.60	3.00																							
	76	96.52	93.98	33.60	5.00	25.60	3.00																							
B	78	99.06	96.52	33.40	5.00	25.60	2.80																							
	80	101.60	99.06	28.00	12.21	9.35	6.44																							
					31.37	8.00	19.94	3.43																						
					44.13	6.33	35.26	2.54																						
	87797-2200				-	-	3	21.10	7.40	10.70	3.00																			
	87797-2400				87797-2401	-	5	14.35	3.35	7.65	3.35																			
					NO	-	5	25.31	6.61	15.65	3.05																			
					NO	-	5	32.14	10.80	19.05	2.29																			
					NO	-	5	18.54	8.13	7.62	2.79																			
					NO	-	5	19.50	6.80	7.50	5.20																			
A					NO	-	5	18.20	6.70	7.50	4.00																			
					NO	-	5	35.70	6.00	27.00	2.70																			
					NO	-	4	19.30	9.04	8.00	2.26																			
					NO	-	2	16.00	5.84	7.62	2.54																			
					NO	-	3	15.75	7.80	4.75	3.20																			
					NO	-	5	23.00	11.70	8.00	3.30																			
					NO	-	3	23.62	8.12	12.70	2.80																			
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					NO	-	5	13.00	4.00	5.00	4.00																			
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