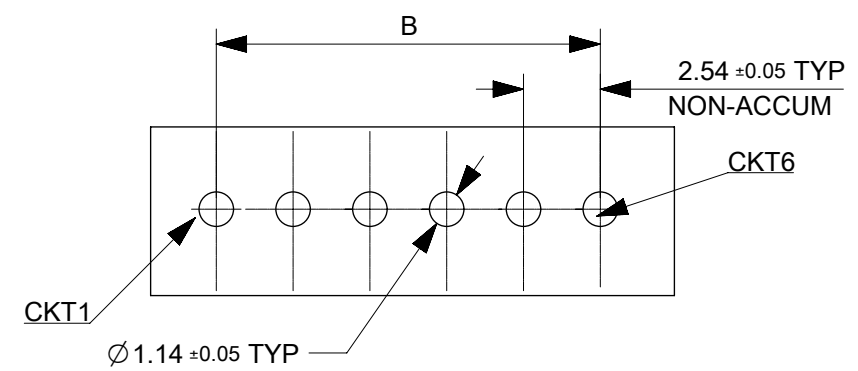
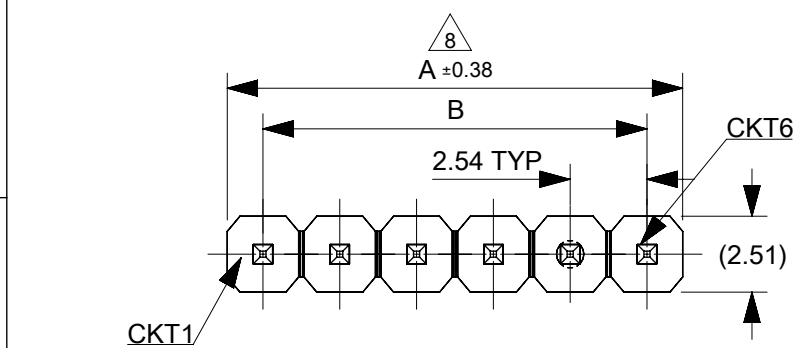
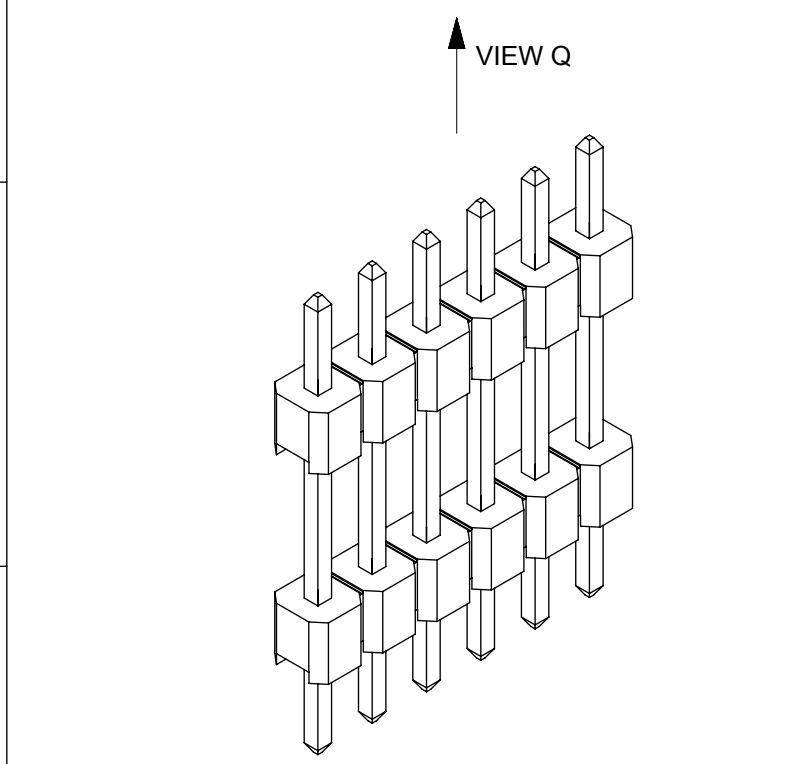
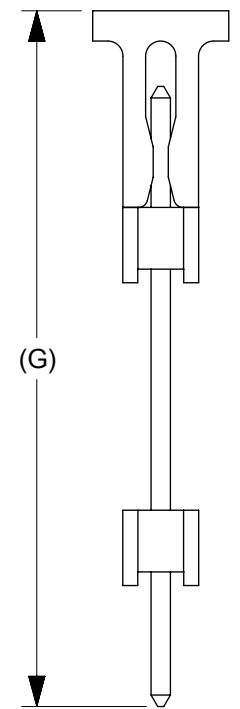
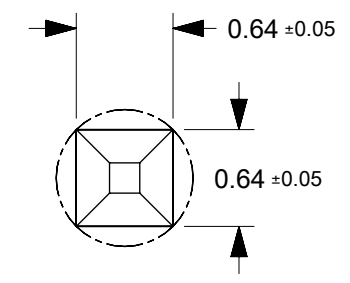
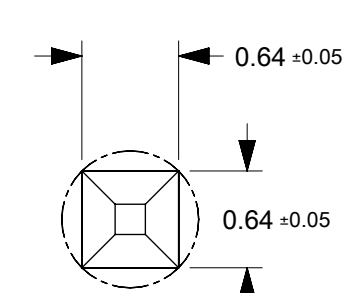
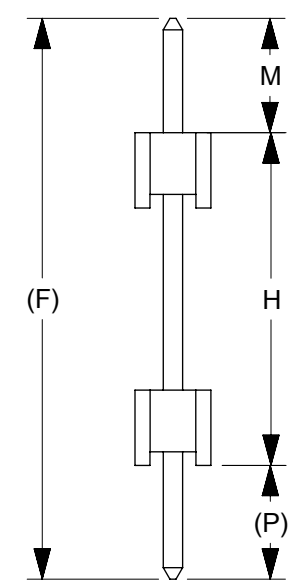
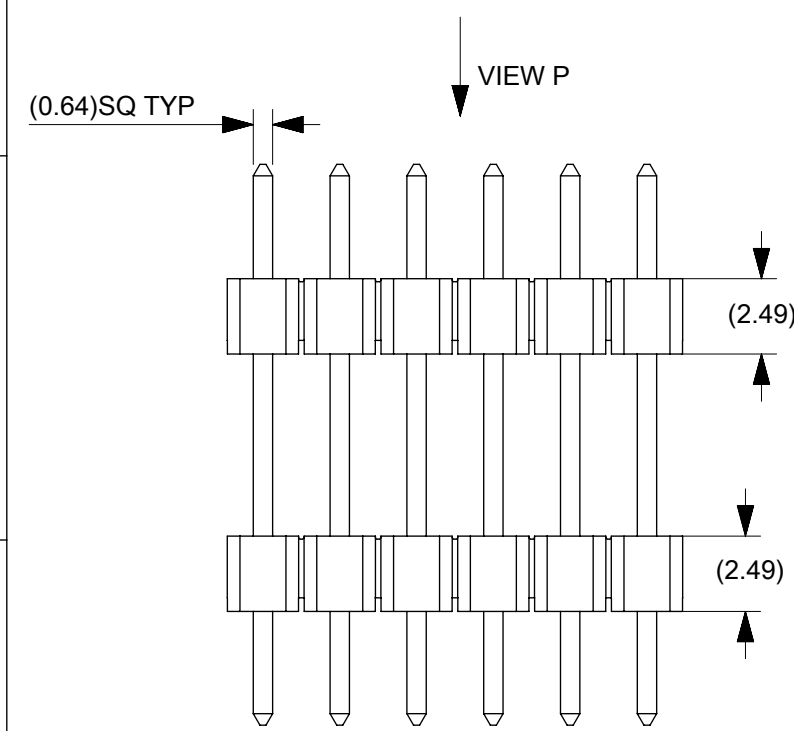
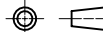




RECOMMENDED PCB HOLE LAYOUT



- NOTES:
- MATERIAL:
HOUSING: NYLON, GLASS FILLED, UL94V-0,
COLOR: BLACK
TERMINAL: 0.64MM SQ PIN, COPPER ALLOY
 - PLATING TYPE:
(1) : GOLD FLASH OVER
1.25µm MIN. NICKEL OVERALL.
(2) : 0.05 µm MIN. GOLD PLATE ON CONTACT AND
2.50 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
(3) : 0.38 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
(4) : 0.75 µm MIN. GOLD PLATE ON CONTACT AND
2.00 µm MIN. TIN ON SOLDER TAIL OVER
1.25 µm MIN. NICKEL OVERALL.
(5) : 2.50 µm MIN. TIN OVER
1.25 µm MIN. NICKEL OVERALL.
(6) : 0.75 µm MIN. GOLD PLATE ON CONTACT AND
SOLDER TAIL OVER 1.25 µm MIN. NICKEL OVERALL.
 - THE ABOVE 6 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
 - PACKAGING TYPE: SEE TABLE
 - RECOMMENDED PCB THICKNESS 1.60MM.
 - PRODUCT SPECIFICATION: PS-87920-019
 - WAFER TO BE FLAT WITHIN 0.003mm/mm
IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION
IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN
BODY IS NOT ACCEPTABLE.
 - PARTS ARE NOT STACKABLE ON 2.54 CENTER
 - PACKAGING SPECIFICATION: SEE TABLE

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: 710024 DRWN: DANUSA 2022/05/26 CHK'D: DANUSA 2022/06/10 APPR: MRAMAKRISHNA 2022/06/10				CUSTOM HEADER 2.54MM PITCH SINGLE ROW DUAL WAFER HEADER, T/H		
	MM	INCH								
4 PLACES	±	±								
3 PLACES	±	±								
2 PLACES	± 0.2	±								
INITIAL REVISION:				PRODUCT CUSTOMER DRAWING						
1 PLACE		±								
0 PLACES		±								
ANGULAR TOL ± 3.0 °				DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION	
				SD-87937-007		PSD		000	B10	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE	87937	SEE TABLE	GENERAL MARKET	1 OF 2

10		9		8		7		6		5		4		3		2		1					
F	PART NUMBERS	CKT SIZE	VOID POSITION	DIMENSION							PLATING OPTION	PACKAGING TYPE	PACKAGING SPECIFICATION										
						MATING END	STACKER HEIGHT	SOLDER TAIL		WITH CAP													
				A	B	M	H	(P)	(F)	(G)													
	879370106	1	----	2.54	----	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879370202	2	----	5.08	2.54	3.50	25.00	3.50	32.00	----	5	TRAY PACKED	PK-89990-489										
	879370203	2	----	5.08	2.54	2.45	15.60	2.45	20.50	----	5	BULK PACKED	PK-89990-491										
	879370206	2	----	5.08	2.54	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879370302	3	----	7.62	5.08	11.70	8.50	11.70	31.90	----	5	TRAY PACKED	PK-89990-489										
	879370306	3	----	7.62	5.08	10.50	20.80	3.00	34.30	35.50	3	TUBE PACKED	PK-89990-***										
	879370311	3	----	7.62	5.08	3.00	6.00	3.00	12.00	----	5	TRAY PACKED	PK-89990-489										
E	879370303	3	----	7.62	5.08	2.40	5.80	2.40	10.60	----	5	BULK PACKED	PK-89990-491										
	879370304	3	----	7.62	5.08	4.00	12.50	4.00	20.50	----	5												
	879370305	3	----	7.62	5.08	3.00	7.00	3.00	13.00	----	5	TUBE PACKED	TBD										
	879370306	3	----	7.62	5.08	10.50	20.80	3.00	34.30	35.50	3	TUBE PACKED	TBD										
	879370307	3	----	7.62	5.08	2.40	17.50	3.00	22.90	27.00	5	TAPE & REEL	TBD										
	879370309	3	----	7.62	5.08	6.00	9.00	3.00	18.00	----	5	TRAY PACKED	PK-89990-489										
D	879370406	4	----	10.16	7.62	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879370402	4	----	10.16	7.62	2.65	11.50	2.41	16.56	----	3	TRAY PACKED	PK-89990-489										
	879370502	5	----	12.70	10.16	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879370503	5	----	12.70	10.16	4.00	12.50	4.00	20.50	----	5	BULK PACKED	PK-89990-491										
	879370504	5	----	12.70	10.16	11.00	25.00	2.50	38.50	----	3	TRAY PACKED	PK-89990-489										
	879370505	5	----	12.70	10.16	6.00	11.80	2.40	20.20	----	3	TRAY PACKED	PK-89990-489										
	879370602	6	----	15.24	12.70	3.00	8.90	3.00	14.90	----	5	TRAY PACKED	PK-89990-489										
	879370701	7	----	17.78	15.24	8.80	22.19	2.79	33.78	----	2	TRAY PACKED	PK-89990-489										
	879370800	8	----	20.32	17.78	9.00	12.00	3.00	24.00	----	5	TRAY PACKED	PK-89990-489										
	879370802	8	----	20.32	17.78	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
C	879370803	8	----	20.32	17.78	3.00	8.90	3.00	14.90	18.40	5	TAPE & REEL	TBD										
	879371000	10	----	25.40	22.86	8.15	25.00	3.05	36.20	----	3	TRAY PACKED	PK-89990-489										
	879371004	10	----	25.40	22.86	8.00	17.80	5.20	31.00	----	3	TRAY PACKED	PK-89990-489										
	879371008 (B10)	10	----	25.40	22.86	8.00	18.50	8.00	34.50	----	7	TRAY PACKED	PK-89990-489										
	879371206	12	----	30.48	27.94	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879371208	12	----	30.48	27.94	3.50	18.00	3.50	25.00	----	5	TRAY PACKED	PK-89990-489										
	879371406	14	----	35.56	33.02	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879371600	16	----	40.64	38.10	12.70	17.63	5.99	36.32	----	3	BULK PACKED	PK-89990-491										
	879371601	16	----	40.64	38.10	11.94	19.05	2.79	33.78	----	3	BULK PACKED	PK-89990-491										
	879371602	16	----	40.64	38.10	2.14	8.70	2.16	13.00	----	5	BULK PACKED	PK-89990-491										
	879371606	16	----	40.64	38.10	3.78	11.00	3.76	18.54	----	5	TRAY PACKED	PK-89990-489										
	879371801	18	----	45.72	43.18	3.00	13.20	3.00	19.20	----	5	TBD	----										
B	879372201	22	2, 3, 5, 6, 8, 9, 11, 12, 14,15, 17, 18, 20, 21	55.88	53.34	3.00	18.00	3.00	24.00	----	5	TRAY PACKED	PK-89990-489										
	879372800	28	----	71.12	68.58	4.00	12.50	4.00	20.50	----	5	BULK PACKED	PK-89990-491										
A	NOTE: F.G P/N: 87937-1008 (10-ckt) (7): PLATING: 0.38um GOLD PLATING ON BOTH MATING END & SOLDER TAIL (8mm) 1.25um MIN. NICKLE OVERALL													THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DOCUMENT STATUS				P1	RELEASE DATE		2022/06/10		07:59:04													

mm		SCALE NTS		CURRENT REV DESC:				molex CUSTOM HEADER 2.54MM PITCH SINGLE ROW DUAL WAFER HEADER, T/H											
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
		MM		INCH		EC NO: 710024				DOCUMENT NUMBER SD-87937-007				DOC TYPE		DOC PART		REVISION	
4 PLACES ±		±		±		DRWN: DANUSA 2022/05/26								PSD		000		B10	
3 PLACES ±		±		±		CHK'D: DANUSA 2022/06/10													
2 PLACES ±		0.2		±		APPR: MRAMAKRISHNA 2022/06/10													
1 PLACE ±		±		±		INITIAL REVISION:													
0 PLACES ±		±		±		DRWN: SKLIM01 2006/03/10													
ANGULAR TOL		±		3.0 °		APPR: MLONG 2010/01/14													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						A3-SIZE		87937		SEE TABLE		GENERAL MARKET		2 OF 2					

10		9		8		7		6		5		4		3		2		1	
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