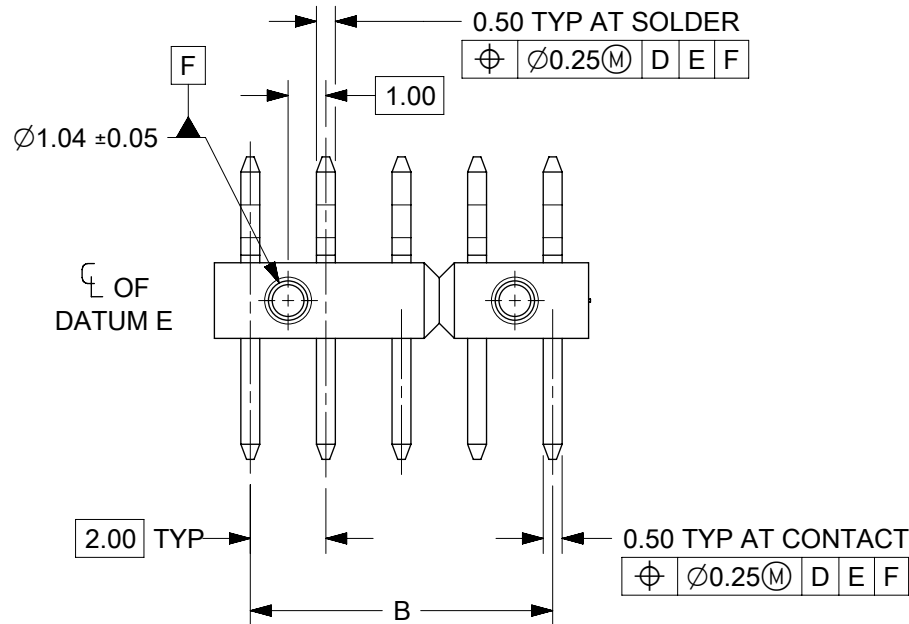
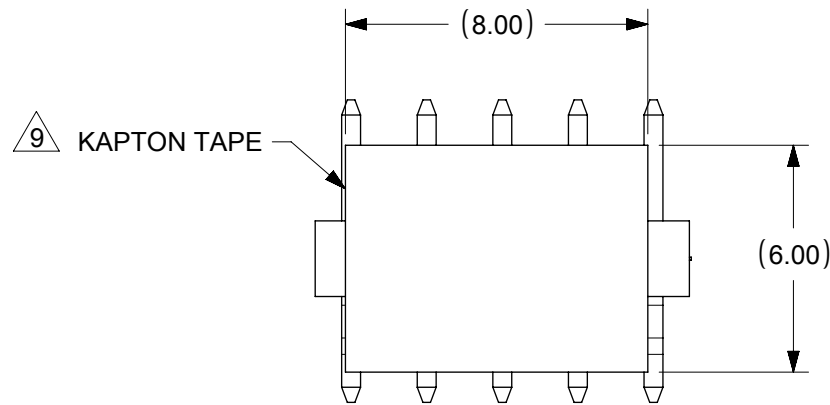
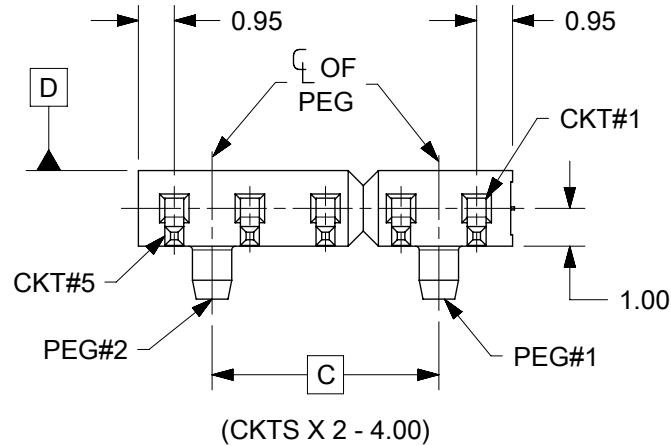
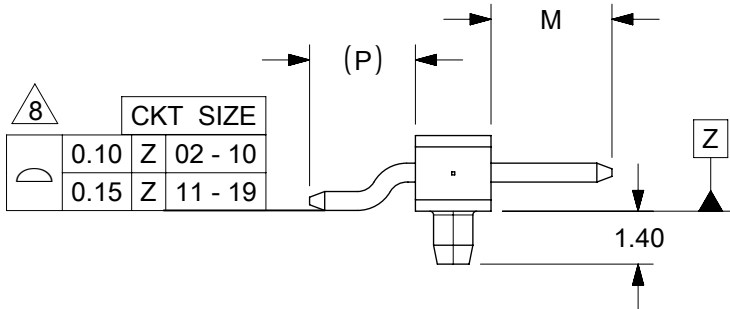
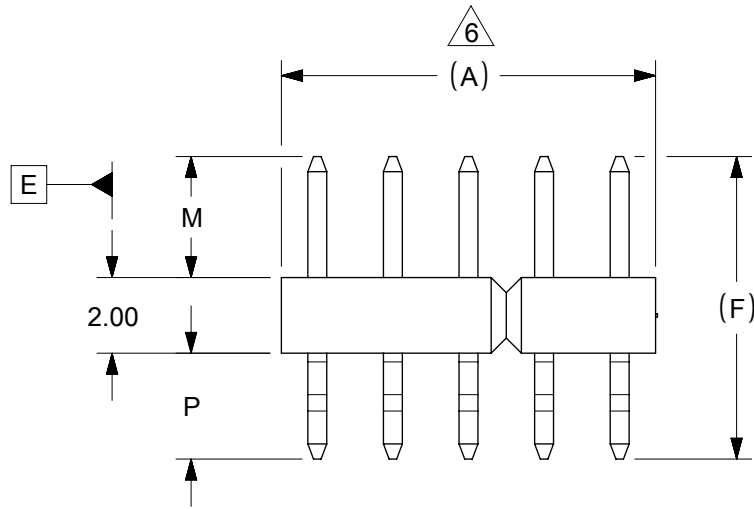
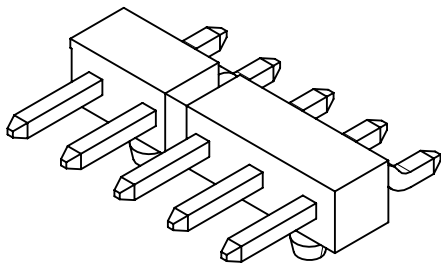




NOTES:

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0, COLOR:BLACK
PIN: 0.50mm SQ, COPPER ALLOY

2. PLATING:

(1) 2.54µm TIN OVERALL PLATING
OVER NICKEL OVERALL
(2) 5.08µm TIN OVERALL PLATING
OVER NICKEL OVERALL

3. PACKAGING TYPE: SEE TABLE

4. PACKAGING SPECIFICATION:

TRAY: PK-89990-487
TAPE & REEL: PK-89990-484

5. PRODUCT SPEC PS-87761-100 APPLIES

6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. MEASUREMENT AT BOTH ENDS, FROM CUT END TO THE CENTRELINE OF THE HOUSING CORE HOLE OF THE FIRST PIN REMAINS AT 0.95±0.20mm. CUTTING AND CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.

7. THE ABOVE CKT 5 IS FOR ILLUSTRATION PURPOSE ONLY

8. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE

9. KAPTON TAPE LOCATION IS CENTRED AT THE PART AS POSSIBLE.

10. RECOMMENDED PCB BOARD THICKNESS: 1.60±0.10mm

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	MM	INCH						
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 782055 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA INITIAL REVISION: DRWN: CWLAM APPR: KWLEE				2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY	
4 PLACES	±		±					PRODUCT CUSTOMER DRAWING	
3 PLACES	±		±					DOCUMENT NUMBER	
2 PLACES	±	0.2	±					SD-87858-022	
1 PLACE	±		±					PSD	
0 PLACES	±		±	2007/12/04 2007/12/17				001	
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION				D2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING A3-SIZE				SHEET NUMBER	
				SERIES 87858				1 OF 3	
				MATERIAL NUMBER SEE TABLE				GENERAL MARKET	

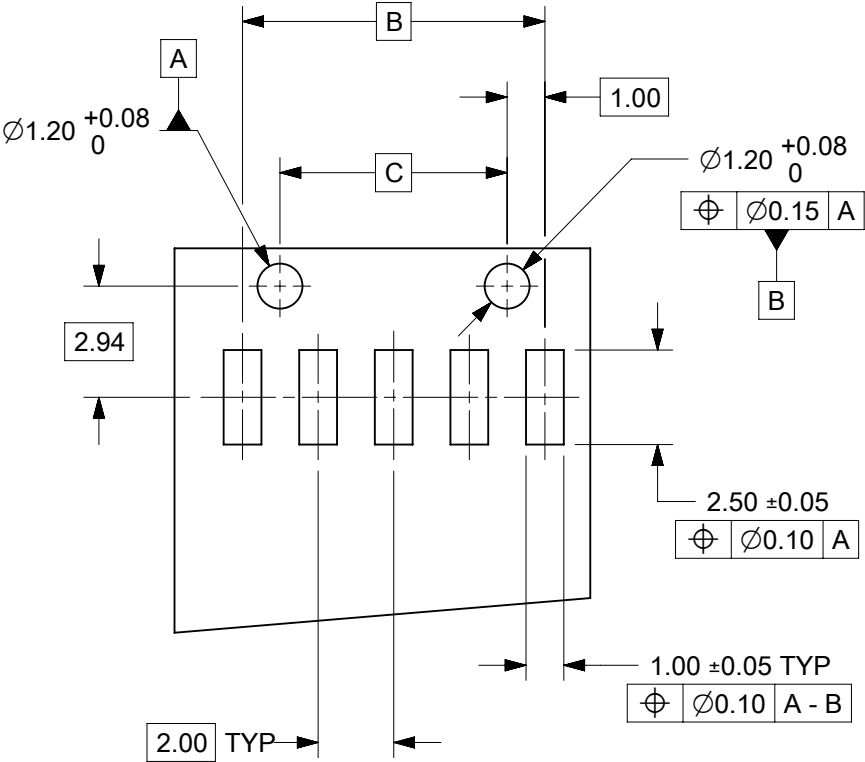
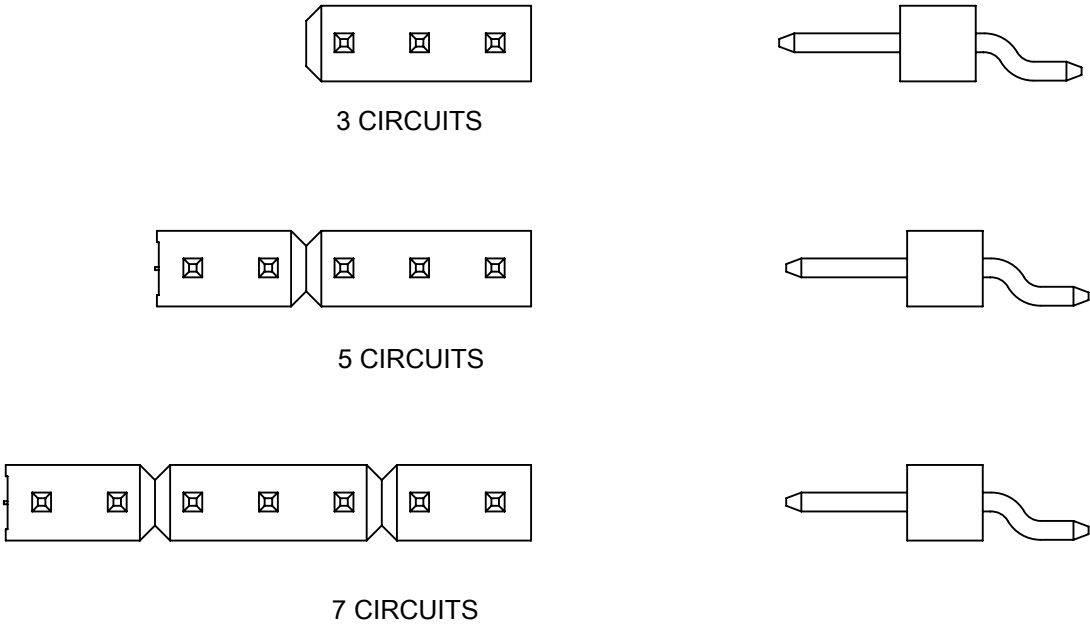
DOCUMENT STATUS	P1	RELEASE DATE	2024/04/12	15:14:46
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FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14

10	9		8	7	6	5	4	3	2	1
CKT SIZE	DIMENSION									
	A	B	C							
03	5.90	4.00	-							
05	9.90	8.00	6.00							
07	13.90	12.00	10.00							
09	17.90	16.00	14.00							
11	21.90	20.00	18.00							
13	25.90	24.00	22.00							
15	29.90	28.00	26.00							
17	33.90	32.00	30.00							
19	37.90	36.00	34.00							

PART NO. IN TAPE & REEL PACKAGING	CKT # SIZE	PART NO. IN TRAY PACKAGING	KAPTON TAPE	PEG	PLATING OPTION	VOID POSITION	DIMENSION		
							F	MATING END	SOLDER TAIL
								M	(P)
87858-0550	5	-	Y	N	1	----	8.00	3.20	2.80
87858-0750	7	-	Y	N	1	----	8.00	3.20	2.80
87858-0751	7	-	N	Y	1	----	8.00	3.20	2.80
87858-0760	7	-	Y	N	1	----	8.97	4.17	2.80
87858-0761	7	-	Y	N	1	----	8.97	4.17	2.80

PART WITHOUT PEG CONFIGURATION



RECOMENDED PCB LAYOUT

DOCUMENT STATUS	P1	RELEASE DATE	2024/04/12	15:14:46
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FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14

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)								2MM SINGLE ROW HDR (ODD) SMT WITH PEG, BREAKAWAY	
								PRODUCT CUSTOMER DRAWING	
4 PLACES	±	MM	INCH	EC NO: 782055				DOCUMENT NUMBER	
3 PLACES	±		±	DRWN: SUAIFR 2024/04/02				SD-87858-022	
2 PLACES	±	0.2	±	CHK'D: SUAIFR 2024/04/03				DOC TYPE	
1 PLACE	±		±	APPR: MRAMAKRISHNA 2024/04/12				DOC PART	
0 PLACES	±		±	INITIAL REVISION:				REVISION	
ANGULAR TOL ± 3.0 °				DRWN: CWLAM 2007/12/04				PSD	
				APPR: KWLEE 2007/12/17				001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	SHEET NUMBER	
						A3-SIZE	87858	2 OF 3	

