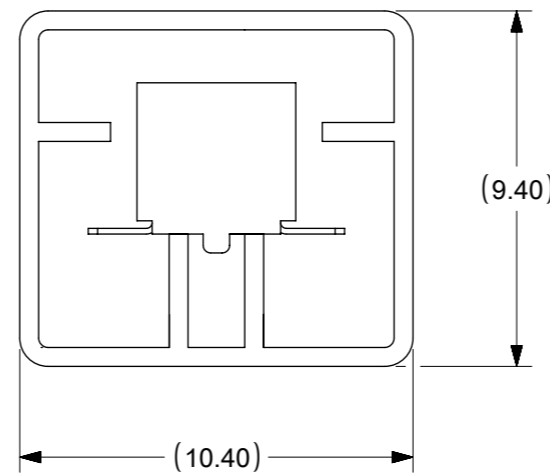
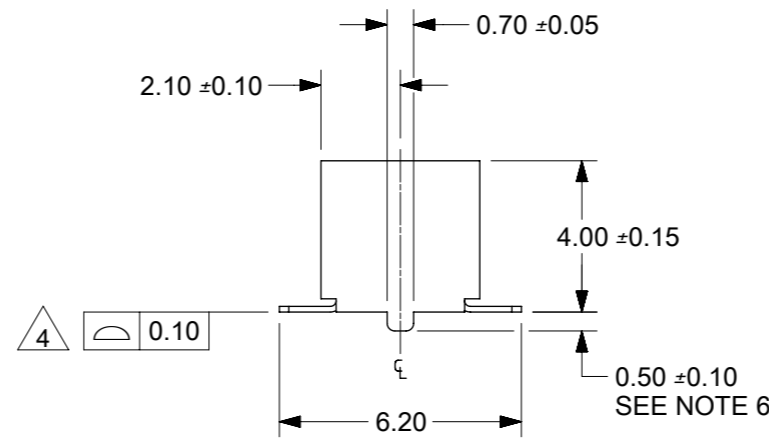
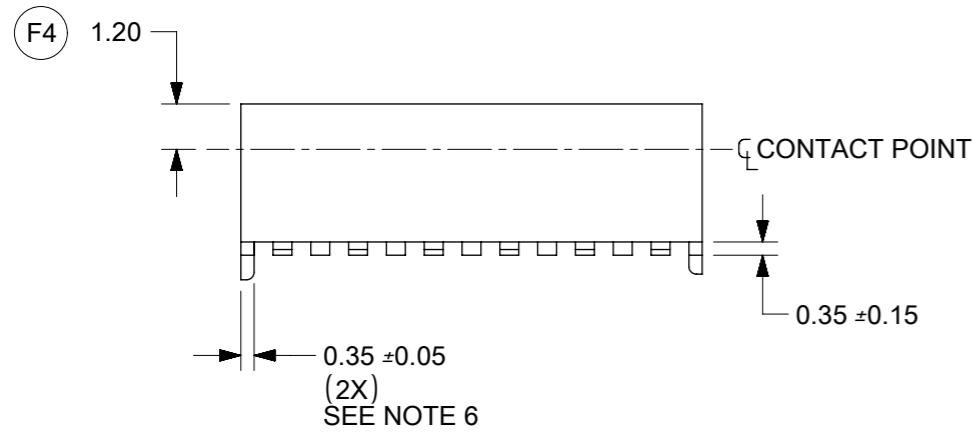


RECOMENDED PCB LAYOUT



PART IN TUBE

NOTES:

1. PLATING FINISH:
GOLD PLATING OPTION IN CONTACT AREA (SEE SHT 2)
TIN IN SOLDER TAIL AREA
BOTH OVER 1.27µm MIN NICKEL OVERALL
2. 12 CKT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR ALL AVAILABLE PART SIZES.
3. PRODUCT SPECIFICATION PS-87380 APPLIES.
4. COPLANARITY OF SOLDER TAIL IS TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE
↑ +0.05 UPWARDS AND ↓ -0.05 DOWNWARDS.
5. OTHER PLATING OPTIONS AVAILABLE . PLEASE CONTACT FACTORY
6. PEG AND PCB HOLE OPTIONAL. SEE PART LEGEND FOR PART CONFIGURATION
7. PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.

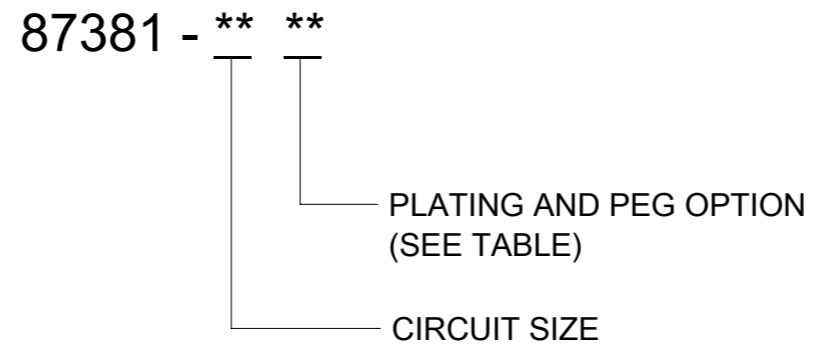
PART No.	CKT. SIZE	DIM A	DIM B
87381-06**	6	4.00	6.00
87381-08**	8	6.00	8.00
87381-10**	10	8.00	10.00
87381-12**	12	10.00	12.00
87381-14**	14	12.00	14.00
87381-16**	16	14.00	16.00
87381-18**	18	16.00	18.00
87381-20**	20	18.00	20.00
87381-22**	22	20.00	22.00
87381-24**	24	22.00	24.00
87381-26**	26	24.00	26.00
87381-28**	28	26.00	28.00
87381-30**	30	28.00	30.00
87381-32**	32	30.00	32.00
87381-34**	34	32.00	34.00
87381-36**	36	34.00	36.00
87381-38**	38	36.00	38.00
87381-40**	40	38.00	40.00
87381-42**	42	40.00	42.00
87381-44**	44	42.00	44.00
87381-46**	46	44.00	46.00
87381-48**	48	46.00	48.00
87381-50**	50	48.00	50.00

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: ADDED BTB DIST.		molex	
DIMENSION UNITS: mm INCH		SCALE: NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 619055		MGRID	
4 PLACES ± 0.2 ±		DRWN: HK02 2019/05/14		4MM HT., WITH LOC. PEG	
3 PLACES ± 0.2 ±		CHK'D: NMANE02 2019/07/09		PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.2 ±		APPR: MRAMAKRISHNA 2019/07/09		DOCUMENT NUMBER	
1 PLACE ± 0.2 ±		INITIAL REVISION:		SD-87381-XXXX	
0 PLACES ± 0.2 ±		DRWN: TAY 1993/01/21		DOC TYPE	
ANGULAR TOL ± 3.0°		APPR: RWONG 1993/01/27		PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DOC PART	
		DRAWING: A3-SIZE		001	
		SERIES: 87381		REVISION: F5	
		MATERIAL NUMBER: SEE CHART		SHEET NUMBER: 1 OF 3	
		CUSTOMER: GENERAL MARKET			

E

PEG OPTION	PLATING OPTION		
	0.05µm MIN GOLD 1.90µm MIN TIN	0.76µm MIN GOLD 1.27µm MIN TIN	0.38µm MIN GOLD 1.27µm MIN TIN
NO	**37	**07	**08
YES	**38	**17	**18

PART NUMBER LEGEND



D

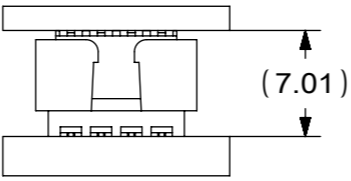
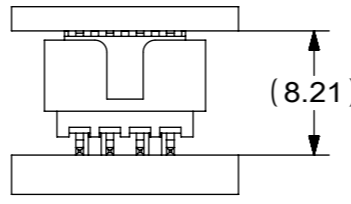
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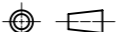
B

A

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: ADDED BTB DIST.						MGRID 4MM HT., WITH LOC. PEG
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH	EC NO: 619055		2019/05/14				
4 PLACES	±			DRWN: HK02		2019/07/09				
3 PLACES	±			CHK'D: NMANE02		2019/07/09				
2 PLACES	±	0.2		APPR: MRAMAKRISHNA		2019/07/09				
1 PLACE	±			INITIAL REVISION:						
0 PLACES	±			DRWN: TAY		1993/01/21		DOCUMENT NUMBER		
ANGULAR TOL		± 3.0°		APPR: RWONG		1993/01/27		SD-87381-XXXX		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		
				A3-SIZE		87381		SEE CHART		
								CUSTOMER		
								GENERAL MARKET		
								SHEET NUMBER		
								2 OF 3		

BOARD TO BOARD (BTB) DISTANCE

RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW
87381	87831	7.01	
	87832	8.21	

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: ADDED BTB DIST.				molex		MGRID 4MM HT., WITH LOC. PEG					
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055		2019/05/14		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION					
		MM	INCH	DRWN: HK02		2019/07/09		SD-87381-XXXX		PSD	001	F5			
4 PLACES		±	±	CHK'D: NMANE02		2019/07/09		PRODUCT CUSTOMER DRAWING							
3 PLACES		±	±	APPR: MRAMAKRISHNA		2019/07/09									
2 PLACES		± 0.2	±	INITIAL REVISION:											
1 PLACE		±	±	DRWN: DRWN BY		XXXX/XX/XX									
0 PLACES		±	±	APPR: APPR BY		XXXX/XX/XX									
ANGULAR TOL		± 3.0°		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		87381		GENERAL MARKET		3 OF 3					