



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 0873813618 - Connector Receptacle 36 Position 0.079" (2.00mm) Gold Surface  
Mount

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

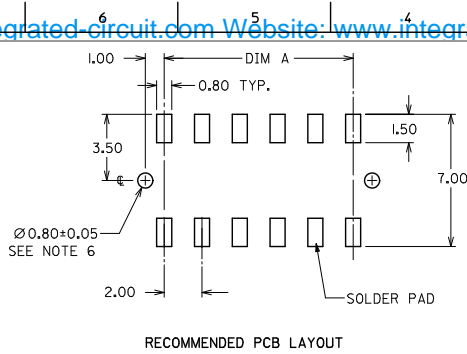
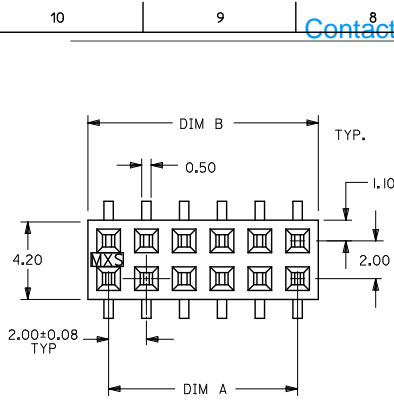
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

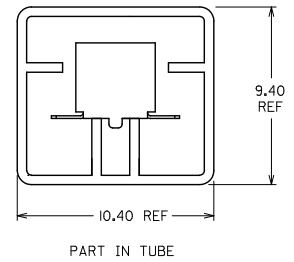
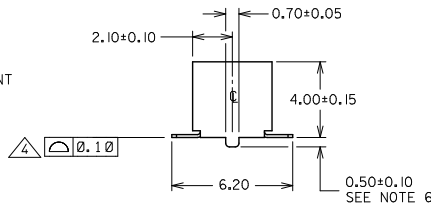
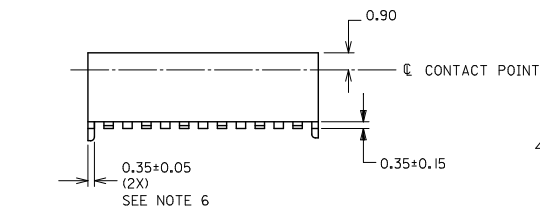
[Molex Connector Corporation](#)  
[0873813618](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



PART NUMBER	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



**NOTES:**

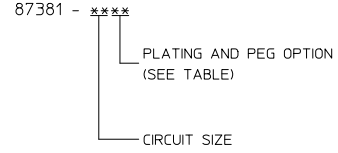
- PLATING FINISH :  
GOLD PLATING OPTION IN CONTACT AREA (SEE SHT 2)  
TIN IN SOLDER TAIL AREA  
BOTH OVER 1.27µm MIN NICKEL OVERALL
- 12 CKT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR ALL AVAILABLE PART SIZES
- PRODUCT SPECIFICATION PS-87380 APPLIES  
COPLANARITY OF SOLDER TAILS ARE TO BE MEASURED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

<b>REVISE NOTE 4.</b> EC NO: S2012-0026 2011/07/29 DRAWN:SKANG 2011/08/03 CHKD:ATSEE 2011/08/03 APPR:HLONG	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\sqrt{R}=0$ $\sqrt{R}=0$ $\sqrt{R}=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3°	MM ONLY	NTS	METRIC		
	DRAWN BY: TAY DATE: 1993/01/21 CHECKED BY: SKTOH DATE: 1993/01/26 APPROVED BY: RWONG DATE: 1993/01/27	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE SIZE: $\Delta 3$	MGRID 4MM HT., WITH LOC. PEG MOLEX INCORPORATED DOCUMENT NO. SD-87381-****		
	SHEET NO. 1 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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PEG OPTION	PLATING OPTION		
	0.05um MIN GOLD 190um MIN TIN	0.76um MIN GOLD 1.27um MIN TIN	0.38um MIN GOLD 1.27um MIN TIN
NO	**37	**07	**08
YES	**38	**17	**18

PART NUMBER LEGEND



REVISE NOTE 4. EC NO: S2012-0026 DRAWN: SKANG 2011/07/29 CHK: DATSEE 2011/08/03 APPR: HLONG 2011/08/03 F2 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm INCH	MM ONLY	NTS	METRIC		
	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DRAWN BY DATE TAY 1993/01/21 CHECKED BY DATE SKTOH 1993/01/26 APPROVED BY DATE RWONG 1993/01/27	TITLE	MGRID	4MM HT., WITH LOC. PEG	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE TABLE	DOCUMENT NO.	MOLEX INCORPORATED	SD-87381-****	SHEET NO. 2 OF 2