



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0873813018 - Connector Receptacle 30 Position 0.079" (2.00mm) Gold Surface
Mount

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

Excellent Integrated System Limited

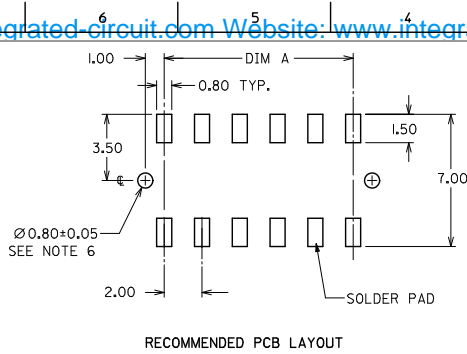
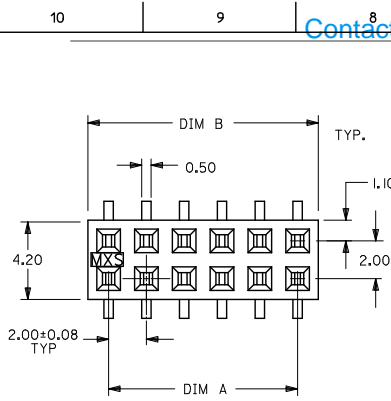
Stocking Distributor

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

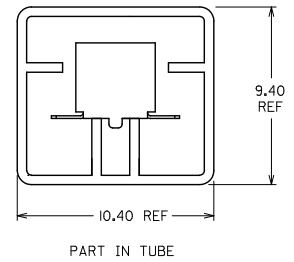
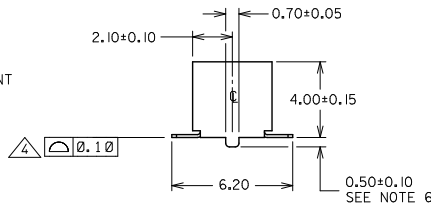
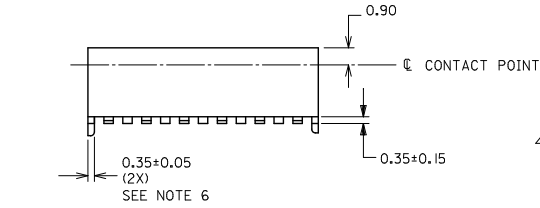
[Molex Connector Corporation](#)
[0873813018](#)

For any questions, you can email us directly:
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:

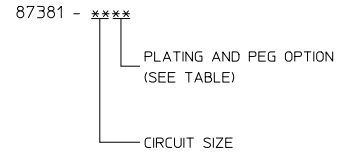
- PLATING FINISH :
GOLD PLATING OPTION IN CONTACT AREA (SEE SHT 2)
TIN IN SOLDER TAIL AREA
BOTH OVER 1.27µm MIN NICKEL OVERALL
- 12 CKT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR ALL AVAILABLE PART SIZES
- PRODUCT SPECIFICATION PS-87380 APPLIES
COPLANARITY OF SOLDER TAILS ARE TO BE MEASURED BY RESTING 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.

| | | | | | | | |
|---|--|--|-----------------|--|---|------------------------|--|
| REVISE NOTE 4. 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 | |
| | $\sqrt{\text{R}}=0$ $\sqrt{\text{S}}=0$ $\sqrt{\text{T}}=0$ | 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 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

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

| 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 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | mm INCH | MM ONLY | NTS | METRIC | | |
| | √=0 √=0 √=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 | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | MOLEX INCORPORATED | DOCUMENT NO. | | SHEET NO. |
| | | SEE TABLE | | | | 2 OF 2 | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |