



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0873812264 - Connector Receptacle 22 Position 0.079" (2.00mm) Gold Surface
Mount

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

Excellent Integrated System Limited

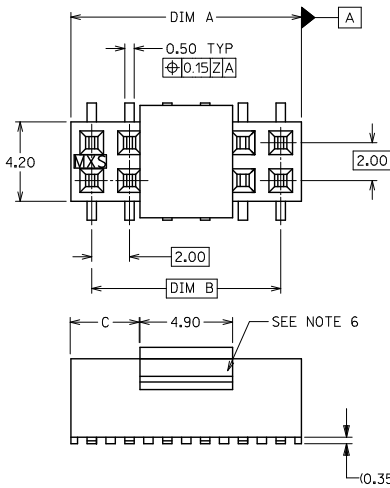
Stocking Distributor

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

[Molex Connector Corporation](#)
[0873812264](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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



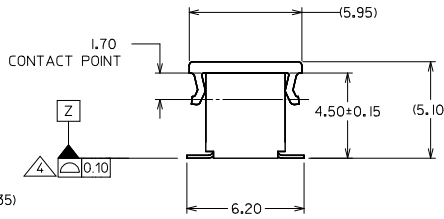
PART NO. LEGEND
FOR TUBE PACKAGING ONLY

87381 - * * * *

CIRCUIT SIZE PLATING (SEE NOTE 1)

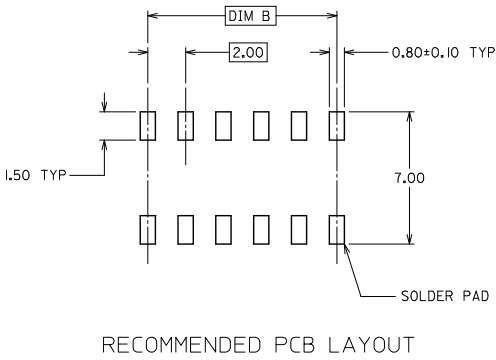
3
4
5

6 COVER
7 NO COVER



NOTES:

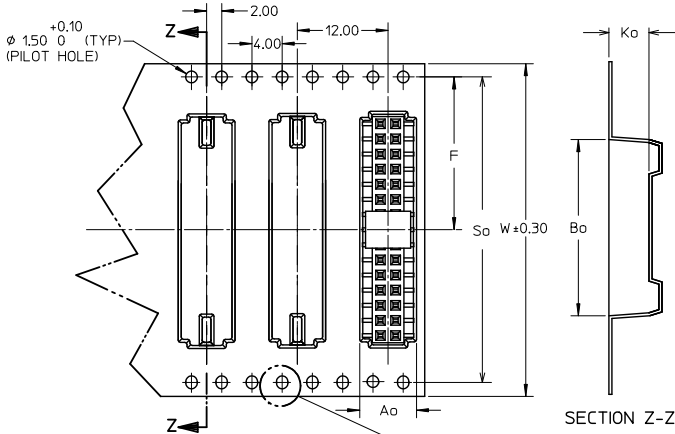
- PLATING FINISH:
 - 3 - 0.76um MIN. GOLD IN CONTACT AREA 1.27um MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.27um MIN. NICKEL OVERALL
 - 4 - 0.38um MIN. GOLD IN CONTACT AREA 1.27um MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.27um MIN. NICKEL OVERALL
 - 5 - 0.05um MIN. GOLD FLASH IN CONTACT AREA 1.90um MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.27um MIN. NICKEL OVERALL
- 12 CKT SIZE SHOWN FOR ASSY ILLUSTRATION ONLY. (SEE CHART FOR ALL PART SIZES). 6 CKT & 30 CKT ILLUSTRATED FOR TAPE/REEL VERSION ON SHT 2.
- 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.
- TUBE PACKAGING STANDARD.
- COVER IS OPTIONAL. SEE LEGEND.
- PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.
- REFER SHT 3 FOR P/N: 87381-6000 T&R ILLUSTRATION.



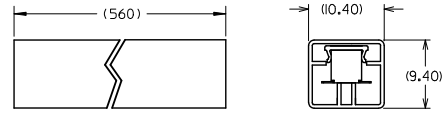
REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
4	REVISE NOTE 4.	∇=0	4 PLACES ±---	±---	DRAWN BY	DATE	NTS	METRIC	MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT
3	EC. NO.: S2012-0026	∇=0	3 PLACES ±---	±---	JAMES	1998/01/08			
2	DRWNSKANG 2011/07/29	∇=0	2 PLACES ±0.20	±---	CHECKED BY	DATE			
1	CHKCHAI SEE 2011/08/03	∇=0	1 PLACE ±---	±---	LCHANG	1999/04/23			
	APPR:MLONG 2011/08/03		ANGULAR ± 3°		APPROVED BY	DATE			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SQUEK	1999/04/26			
					MATERIAL NO.				
					SEE TABLE				
					SIZE				
					A3				
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PART NUMBER	CKT. SIZE	DIM A	DIM B	DIM C
87381-06**	6	6.00	4.00	0.55
87381-08**	8	8.00	6.00	1.55
87381-10**	10	10.00	8.00	2.55
87381-12**	12	12.00	10.00	3.55
87381-14**	14	14.00	12.00	4.55
87381-16**	16	16.00	14.00	5.55
87381-18**	18	18.00	16.00	6.55
87381-20**	20	20.00	18.00	7.55
87381-22**	22	22.00	20.00	8.55
87381-24**	24	24.00	22.00	9.55
87381-26**	26	26.00	24.00	10.55
87381-28**	28	28.00	26.00	11.55
87381-30**	30	30.00	28.00	12.55
87381-32**	32	32.00	30.00	13.55
87381-34**	34	34.00	32.00	14.55
87381-36**	36	36.00	34.00	15.55
87381-38**	38	38.00	36.00	16.55
87381-40**	40	40.00	38.00	17.55
87381-42**	42	42.00	40.00	18.55
87381-44**	44	44.00	42.00	19.55
87381-46**	46	46.00	44.00	20.55
87381-48**	48	48.00	46.00	21.55
87381-50**	50	50.00	48.00	22.55

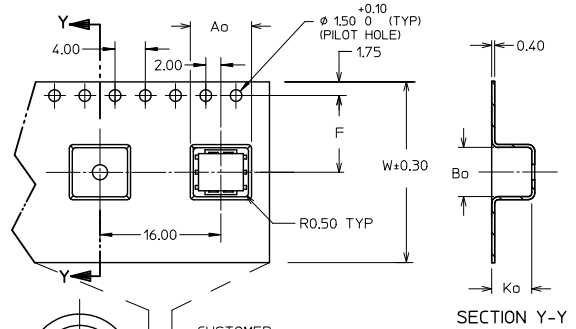
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



CONNECTOR ORIENTATION
IN TUBE

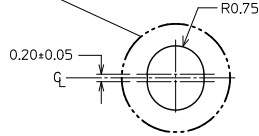


SECTION Z-Z



SECTION Y-Y

30 CKT FOR ILLUSTRATION ONLY
TAPE & REEL TYPE 'B'

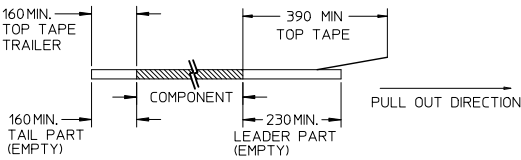


6 CKT FOR ILLUSTRATION ONLY
TAPE & REEL TYPE 'A'

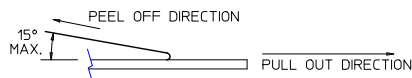
Ø13.00

NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = SEE TABLE

REVISE NOTE 4. EC NO. S2012-0026 DRAWN BY 2011/07/29 CHK/DAT/SEE 2011/08/03 APPR: H/LONG 2011/08/03 E11	QUALITY SYMBOLS √=0 √=0 √=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT MOLEX INCORPORATED DOCUMENT NO. SD-87381-***6* SHEET NO. 2 OF 4	
				MM ONLY		NTS	METRIC		
		4 PLACES ±	---	---	---	DRAWN BY	DATE		TITLE
		3 PLACES ±	---	---	---	CHECKED BY	DATE		
2 PLACES ±	0.20	---	---	LCHANG	1999/04/23				
1 PLACE ±	---	---	---	APPROVED BY	DATE				
		ANGULAR ± 3 °		SOUK	1999/04/26				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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

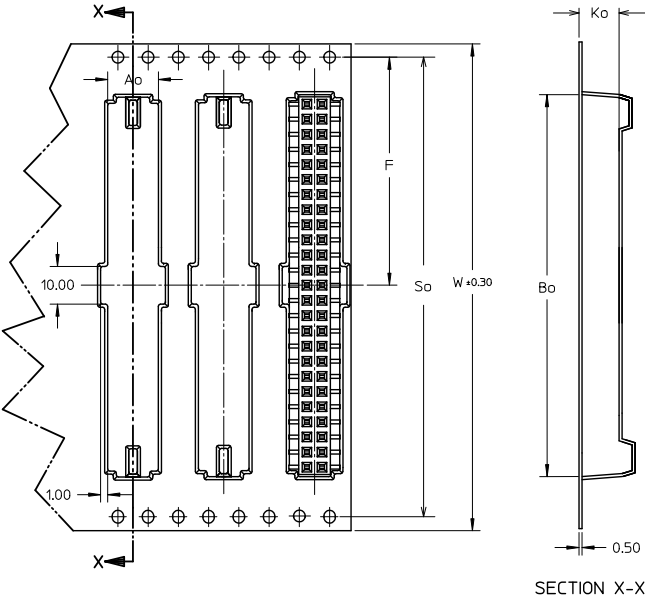
10	9	8	7	6	5	4	3	2	1	
CKT SIZE	PART NO. WITH CAP IN TUBE	PART NO. WITH CAP IN TAPE / REEL	W	So	Ao	F	Bo	Ko	T&R TYPE (SHT 2)	T&R QTY PER REEL
6	87381-0664	87381-9002	24	-	7.00	11.50	6.50	5.30	A	500
8	87381-0864	87381-9003	24	-	7.00	11.50	8.50	5.30	A	600
10	87381-1064	87381-9005	24	-	7.00	11.50	10.50	5.30	A	680
14	87381-1464	87381-9006	32	28.40	7.20	14.20	14.50	5.30	B	750
16	87381-1664	87381-9004	32	28.40	7.20	14.20	16.50	5.30	B	800
18	87381-1864	87381-1800	32	28.40	7.20	14.20	18.50	5.30	B	750
20	87381-2063	87381-2000	32	28.40	7.20	14.20	20.50	5.30	B	800
22	87381-2264	87381-2200	44	40.40	7.20	20.20	22.50	5.30	B	500
30	87381-3064	87381-3000	44	40.40	7.20	20.20	30.50	5.30	B	500
32	87381-3264	87381-3200	44	40.40	7.20	20.20	32.50	5.30	B	500
34	87381-3464	87381-3400	56	52.40	7.20	26.20	34.50	5.30	B	500
44	87381-4464	87381-4400	56	52.40	7.20	26.20	44.50	5.30	B	500
46	87381-4664	87381-4600	72	68.40	7.20	34.20	46.50	5.30	B	750
50	87381-5063	87381-5030	72	68.40	7.20	34.20	50.50	5.30	B	500
50	87381-5064	87381-5000	72	68.40	7.20	34.20	50.50	5.30	B	500

REVISE NOTE 4. EC NO: S2012-0026 DRAWN: KANG CHKD: ATSEE APPR: HLONG 2011/07/29 2011/08/03 2011/08/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	DESCRIPTION	mm INCH	MM ONLY	NTS	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	JAMES 1998/01/08	MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT		
▽=0	2 PLACES ± 0.20 ± ---	CHECKED BY DATE	MATERIAL NO.			
	1 PLACE ± --- ± ---	LCHANG 1999/04/23	MOLEX INCORPORATED			
	ANGULAR ± 3 °	APPROVED BY DATE	DOCUMENT NO.			
		SOUK 1999/04/26	SD-87381-***6*			
			SHEET NO.			
			3 OF 4			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

CKT SIZE	PART NO. WITHOUT CAP IN TUBE	PART NO. WITHOUT CAP IN TAPE / REEL	W	So	Ao	F	Bo	Ko	T&R TYPE (SHT 2)	T&R QTY PER REEL
50	87381-5074	87381-6000	72	68.40	6.80	34.20	50.50	8.00	B	500

ILLUSTRATION FOR P/N: 87381-6000
50 CKT IN T&R W/O CAP



SECTION X-X

REVISE NOTE 4. EC. NO. S2012-0026 2011/07/29 DRAWN:KANG CHK:CATSEE 2011/08/03 APPR:MLONG 2011/08/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	<input checked="" type="checkbox"/> THIRD ANGLE <input type="checkbox"/> PROJECTION
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: JAMES DATE: 1998/01/08 CHECKED BY: LCHANG DATE: 1999/04/23 APPROVED BY: SQUEK DATE: 1999/04/26	TITLE	MATERIAL NO.	MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT MOLEX INCORPORATED
	REV E11	SIZE A3	SEE TABLE	DOCUMENT NO.	SHEET NO.	SD-87381-***6* 4 OF 4