



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0873814464 - Connector Receptacle 44 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

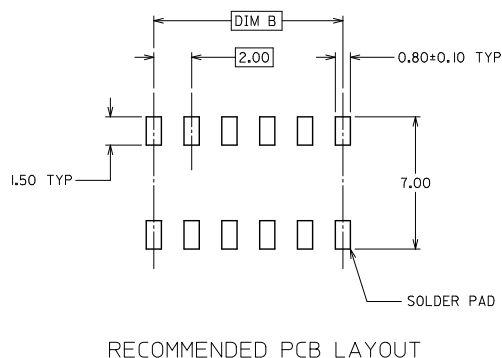
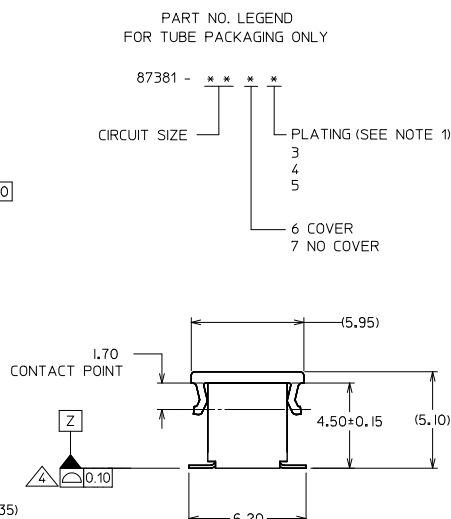
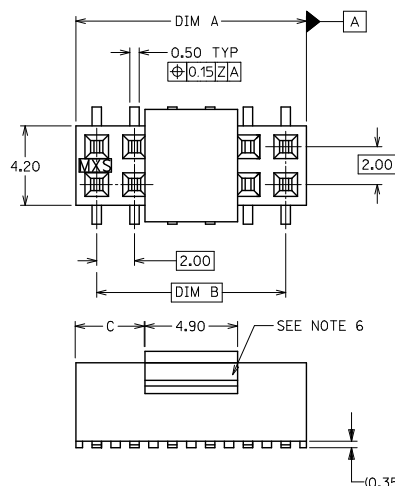
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[Molex Connector Corporation](#)
[0873814464](#)

For any questions, you can email us directly:

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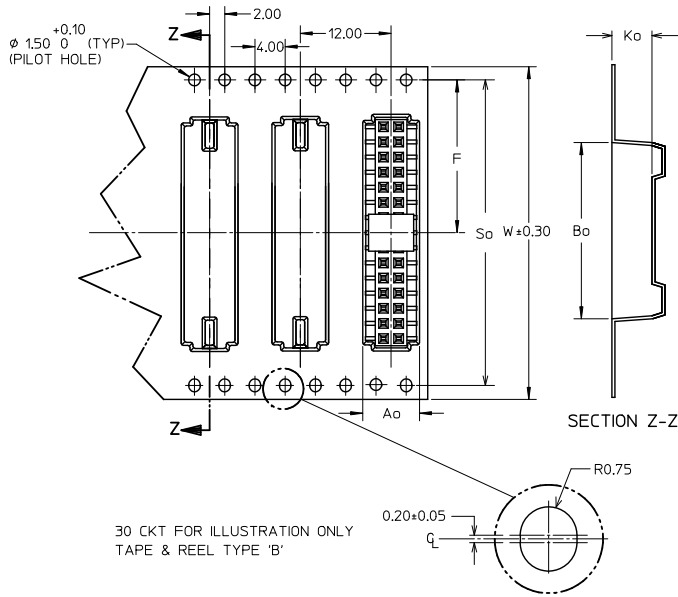


2		1		
PART NUMBER	CKT. SIZE	DIM A	DIM B	DIM C
87381-06**	6	6.00	4.00	0.55
87381-08**	8	8.00	6.00	1.55
87381-10**	10	10.00	8.00	2.55
87381-12**	12	12.00	10.00	3.55
87381-14**	14	14.00	12.00	4.55
87381-16**	16	16.00	14.00	5.55
87381-18**	18	18.00	16.00	6.55
87381-20**	20	20.00	18.00	7.55
87381-22**	22	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

- | NOTES: | | 87381-48** | 48 | 48.00 | 48.00 | 21.55 |
|--------|---|------------|----|-------|-------|-------|
| | | 87381-50** | 50 | 50.00 | 48.00 | 22.55 |
| 1. | 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 | | | | | |
| 2. | 12 CKT SIZE SHOW FOR ASSY ILLUSTRATION ONLY. (SEE CHART FOR ALL PART SIZES), 6 CKT & 30 CKT ILLUSTRATED FOR TAPE/REEL VERSION ON SHT 2. | | | | | |
| 3. | PRODUCT SPECIFICATION PS-87380 APPLIES. | | | | | |
| 4. | COPLANARITY OF SOLDER TAILS ARE TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE ± 0.05 UPWARDS AND ± 0.05 DOWNWARDS. | | | | | |
| 5. | TUBE PACKAGING STANDARD. | | | | | |
| 6. | COVER IS OPTIONAL. SEE LEGEND. | | | | | |
| 7. | PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG. | | | | | |
| 8. | REFER SHT 3 FOR P/N: 87381-6000 T&R ILLUSTRATION. | | | | | |

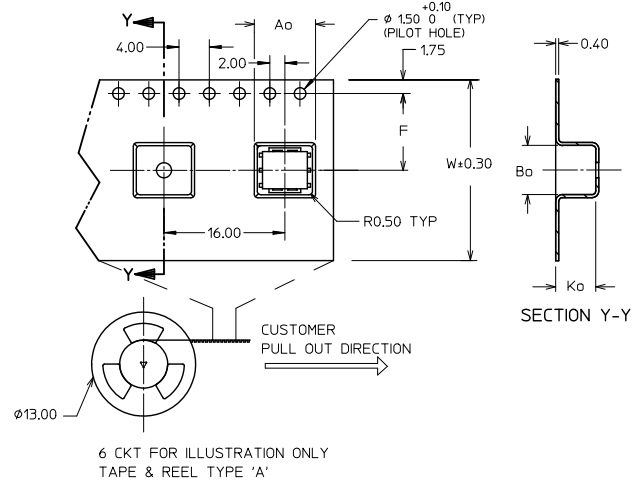
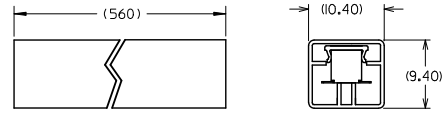
REVISE NOTE 4. EC NO. S2012-0026 DRAWN:SKANG CHKD:ATSEE APPROV:JLNG 2011/07/29 2011/08/03 2011/08/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$\nabla=0$	mm	INCH	DRAWN BY JAMES	DATE 1998/01/08	TITLE MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT	MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 4
	$\nabla=0$	4 PLACES $\pm$ --- $\pm$ ---	3 PLACES $\pm$ --- $\pm$ ---	CHECKED BY LCHANG	DATE 1999/04/23			
	$\nabla=0$	2 PLACES ± 0.20 $\pm$ ---	1 PLACE $\pm$ --- $\pm$ ---	APPROVED BY SQUEK	DATE 1999/04/26			
ANGULAR $\pm 3^\circ$		MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87381-**6*				
SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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

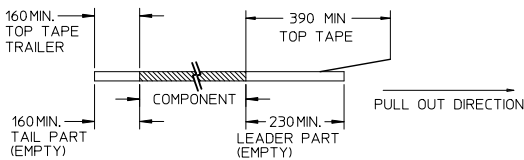
CONNECTOR ORIENTATION
IN TUBE



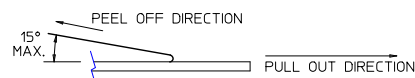
6 CKT FOR ILLUSTRATION ONLY
TAPE & REEL TYPE 'A'

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:KANG CHKD:ATSEE APPR:HLONG REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE				
					MM ONLY		NTS	METRIC	PROJECTION				
				mm	INCH	DRAWN BY	DATE	TITLE					
				4 PLACES	± ---	± ---	JAMES	1998/01/08	MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT				
				3 PLACES	± ---	± ---	CHECKED BY	DATE					
				2 PLACES	± 0.20	± ---	LCHANG	1999/04/23					
				1 PLACE	± ---	± ---	APPROVED BY	DATE					
			ANGULAR ± 3 °		SQUEK		1999/04/26	MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87381-**6*		SHEET NO. 2 OF 4				
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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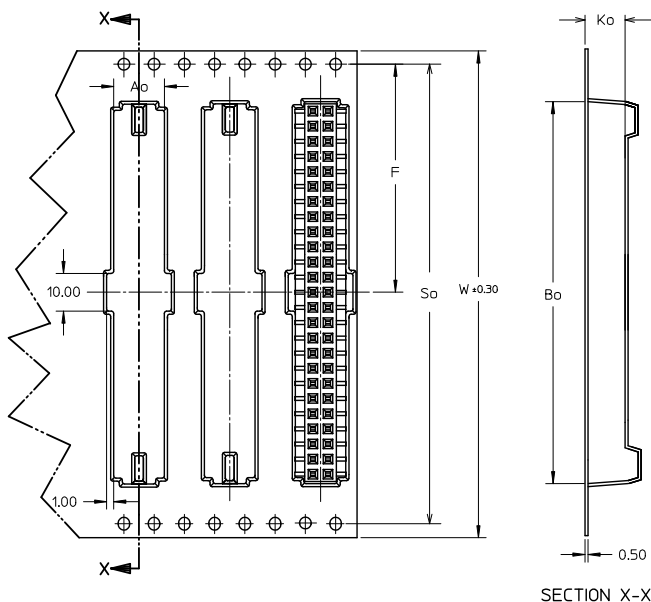
10	9	8	7	6	5	4	3	2	1	
CKT SIZE	PART NO. WITH CAP IN TUBE	PART NO. WITH CAP IN TAPE / REEL	W	So	Ao	F	Bo	Ko	T&R TYPE (SHT 2)	T&R QTY PER REEL
6	87381-0664	87381-9002	24	-	7.00	11.50	6.50	5.30	A	500
8	87381-0864	87381-9003	24	-	7.00	11.50	8.50	5.30	A	600
10	87381-1064	87381-9005	24	-	7.00	11.50	10.50	5.30	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 DRWN:SKANG CHKD:ATSEE APPR:HLONG E11	2011/07/29	2011/08/03	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				▽=0	4 PLACES ± --- ± ---	DRAWN BY JAMES DATE 1998/01/08		TITLE MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT				
				▽=0	3 PLACES ± --- ± ---	CHECKED BY LCHANG DATE 1999/04/23						
				▽=0	2 PLACES ± 0.20 ± ---	APPROVED BY SOUEK DATE 1999/04/26		MOLEX MOLEX INCORPORATED				
				▽=0	1 PLACE ± --- ± ---							
					ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87381-***6*		SHEET NO. 3 OF 4	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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CKT SIZE	PART NO. WITHOUT CAP IN TUBE	PART NO. WITHOUT CAP IN TAPE / REEL	W	So	Ao	F	Bo	Ko	T&R TYE (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 DRAWS:SKANG CHKCD:ATSEE APPR:M.LONG 2011/07/29 2011/08/03 2011/08/03	DESCRIPTION QUALITY SYMBOLS ▽A=0 ▽E=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JAMES	DATE 1998/01/08	TITLE MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT		
		4 PLACES	±---	±---	CHECKED BY LCHANG	DATE 1999/04/23			
		3 PLACES	±---	±---	APPROVED BY SQUEK	DATE 1999/04/26			
		2 PLACES	±0.20	±---					
		1 PLACE	±---	±---					
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE		SEE TABLE		SD-87381-**6*		4 OF 4	
		MUST REMAIN WITHIN DIMENSIONS		SIZE 3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					