

F

E

D

C

B

A

F

E

D

C

B

A

10 9 8 7 6 5 4 3 2 1

PART NO. LEGEND
FOR TUBE PACKAGING ONLY

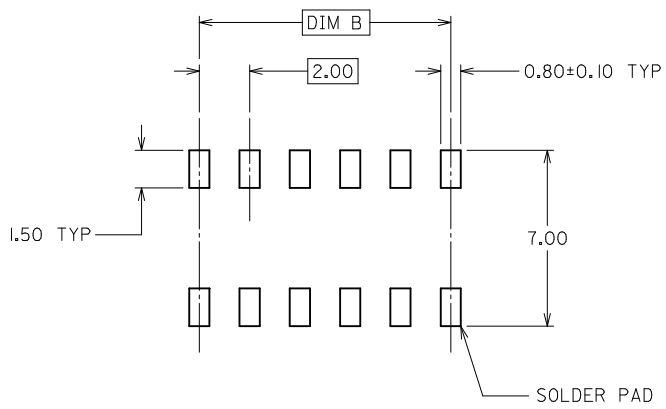
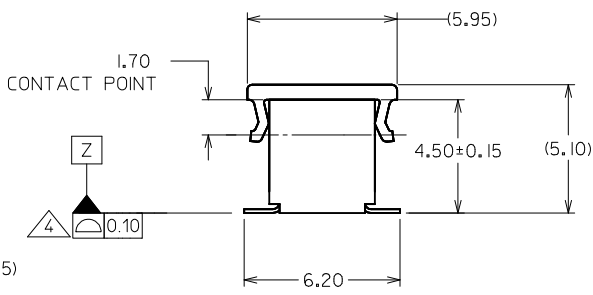
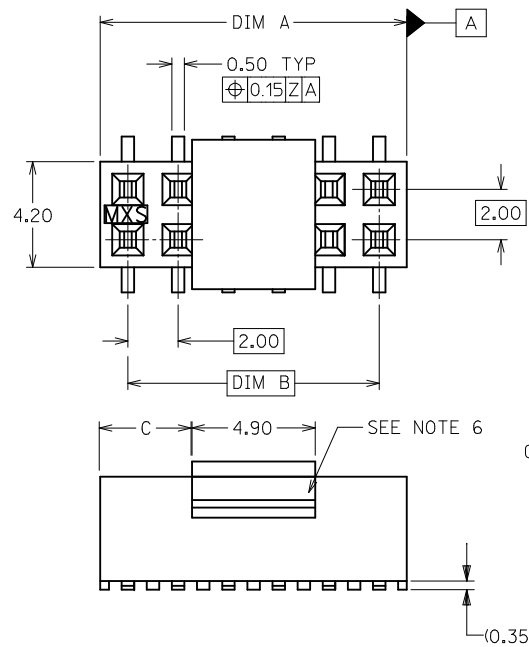
87381 - * * * *

CIRCUIT SIZE

PLATING (SEE NOTE 1)

3
4
5

6 COVER
7 NO COVER



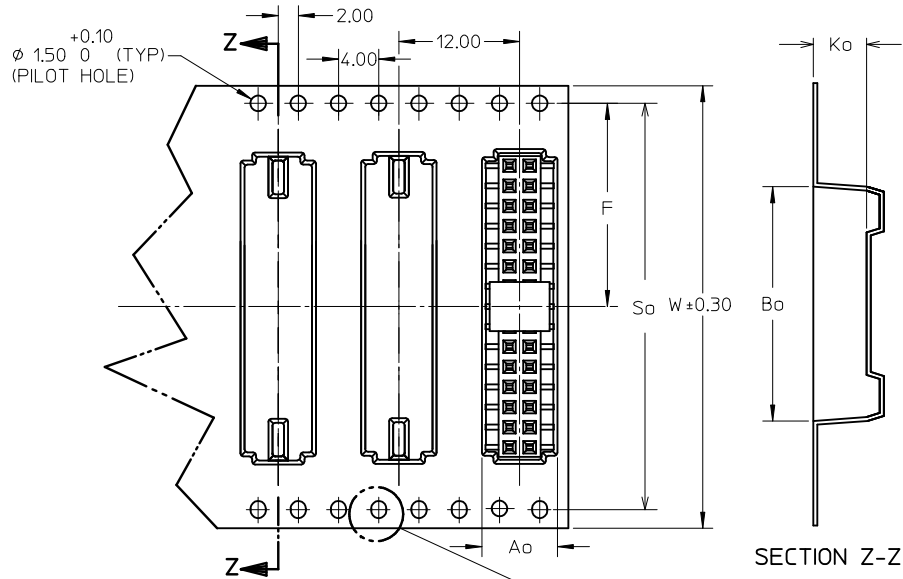
RECOMMENDED PCB LAYOUT

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:
- 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.

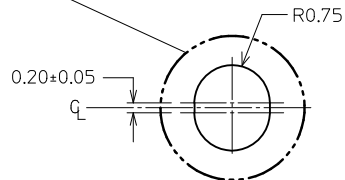
REVISE NOTE 4. EC NO: S2012-0026 DRWN:SKANG CHKD:ATSEE APPR:MLONG REV E11	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT		
			4 PLACES	± ---	± ---	JAMES	1998/01/08			
			3 PLACES	± ---	± ---	CHECKED BY	DATE			
			2 PLACES	± 0.20	± ---	LCHANG	1999/04/23			
			1 PLACE	± ---	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED		
ANGULAR ± 3 °		SQUEK	1999/04/26							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		SEE TABLE		SD-87381-***6*		1 OF 4				
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

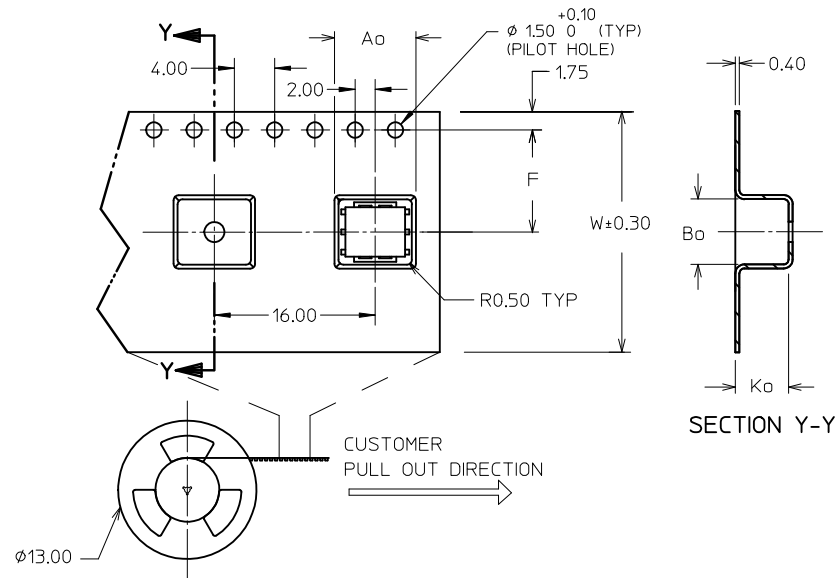
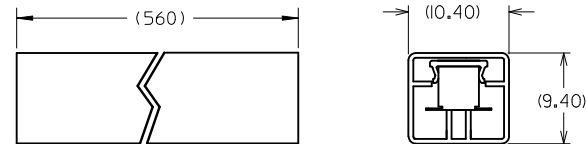


SECTION Z-Z

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



CONNECTOR ORIENTATION
IN TUBE

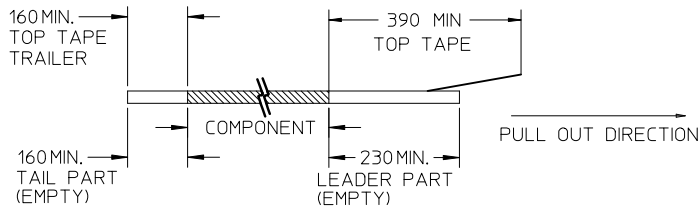


SECTION Y-Y

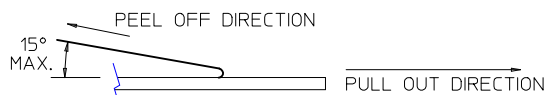
6 CKT FOR ILLUSTRATION ONLY
TAPE & REEL TYPE 'A'

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.

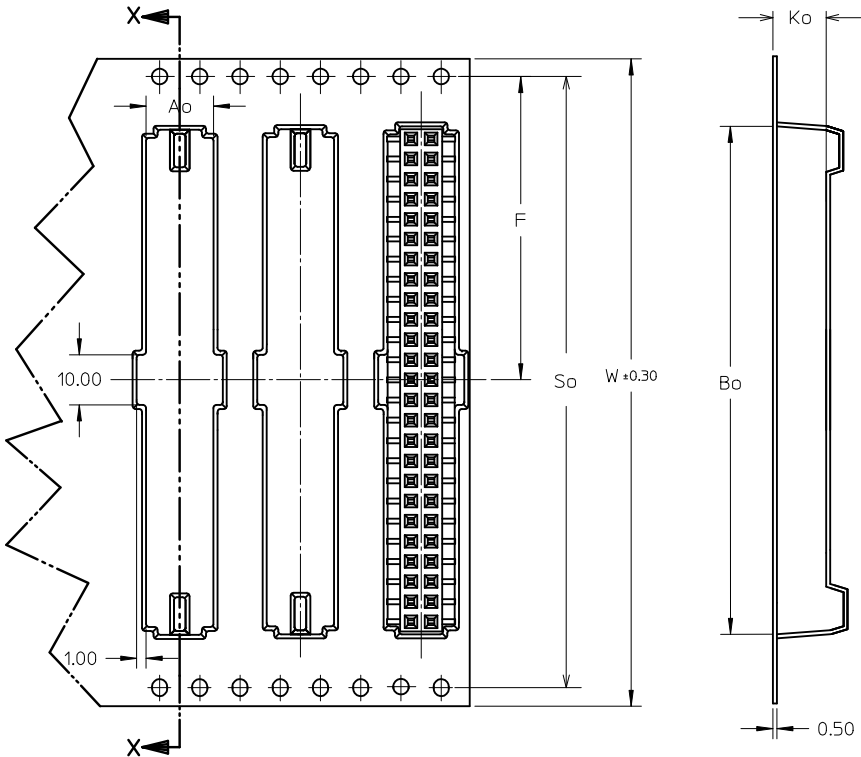
4. TAPE & REEL QUANTITY = SEE TABLE

REVISE NOTE 4. EC NO: S2012-0026 2011/07/29 DRWN:SKANG CHKD:ATSEE 2011/08/03 APPR:MLONG 2011/08/03	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			

[illegible]

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 DRWN:SKANG 2011/07/29 CHKD:ATSEE 2011/08/03 APPR:MLONG 2011/08/03			DESCRIPTION REV	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
							DRAWN BY JAMES	DATE 1998/01/08	TITLE MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT			
							CHECKED BY LCHANG	DATE 1999/04/23				
							APPROVED BY SQUEK	DATE 1999/04/26	 MOLEX INCORPORATED			
		MATERIAL NO.		DOCUMENT NO.	SHEET NO.							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87381-**6*		4 OF 4				
E11		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										