

F

E

D

C

B

A

10 9 8 7 6 5 4 3 2 1

F

E

D

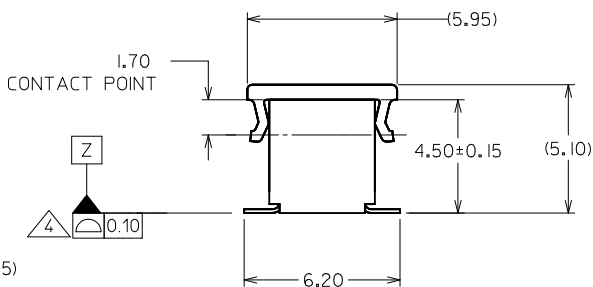
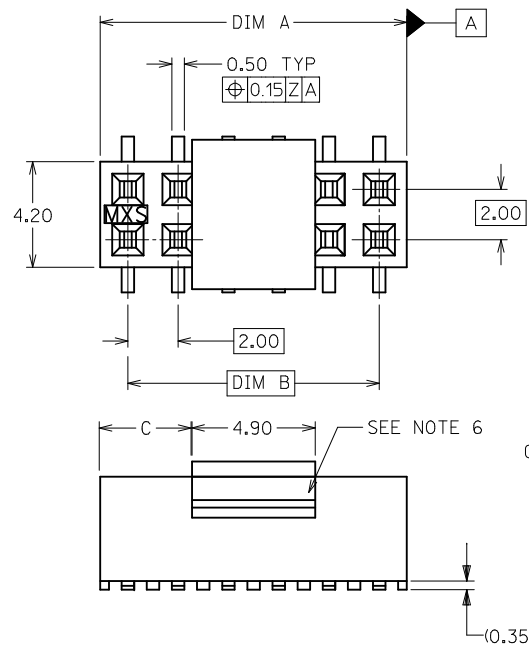
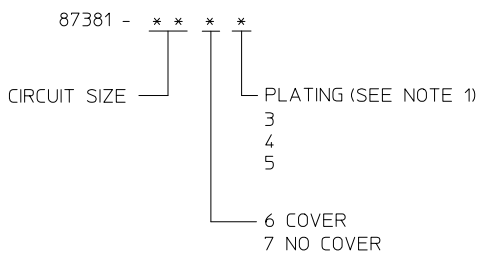
C

B

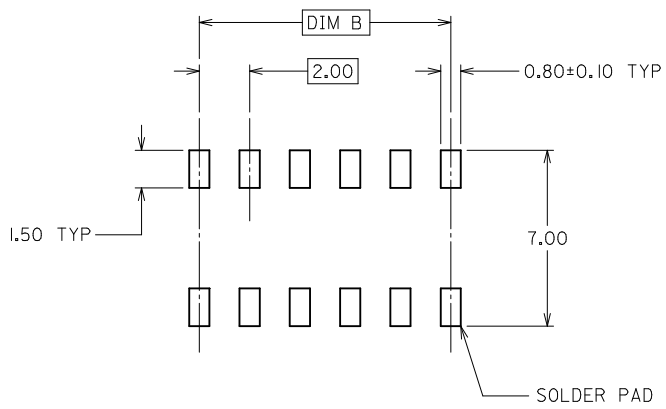
A

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

PART NO. LEGEND
FOR TUBE PACKAGING ONLY



- 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.



RECOMMENDED PCB LAYOUT

REVISE NOTE 4.

EC NO: S2012-0026

DRWN:SKANG 2011/07/29

CHKD:ATSEE 2011/08/03

APPR:MLONG 2011/08/03

REV E11

QUALITY SYMBOLS

$F_A=0$

$F_G=0$

$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.20	±---
1 PLACE	±---	±---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY	DATE
JAMES	1998/01/08

CHECKED BY	DATE
LCHANG	1999/04/23

APPROVED BY	DATE
SQUEK	1999/04/26

MATERIAL NO.

SEE TABLE

SCALE

NTS

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MGRID, TOP ENTRY RECEPT.
4.50MM HT., SMT

MOLEX MOLEX INCORPORATED

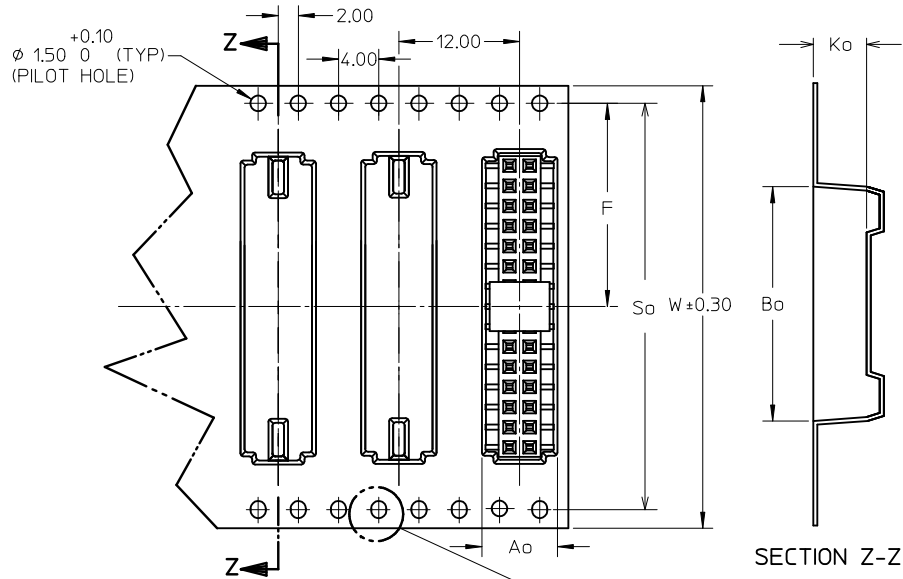
DOCUMENT NO.

SD-87381-***6*

SHEET NO.

1 OF 4

9 8 7 6 5 4 3 2 1

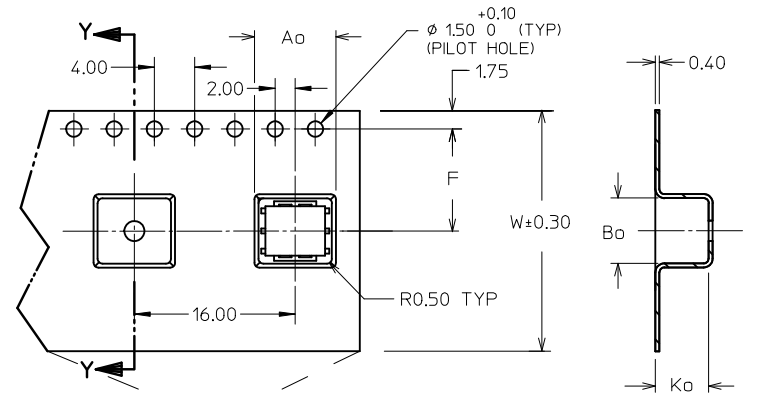
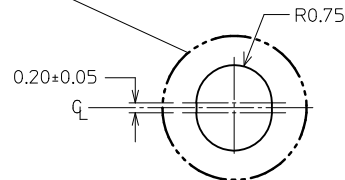


CONNECTOR ORIENTATION
IN TUBE

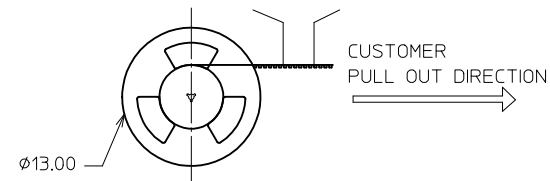


SECTION Z-Z

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



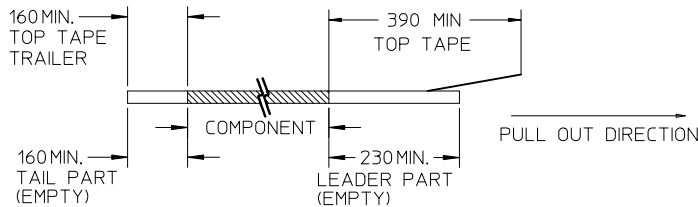
SECTION Y-Y



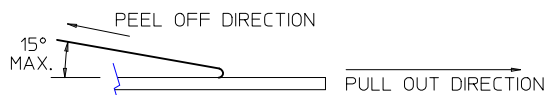
6 CKT FOR ILLUSTRATION ONLY
TAPE & REEL TYPE 'A'

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.

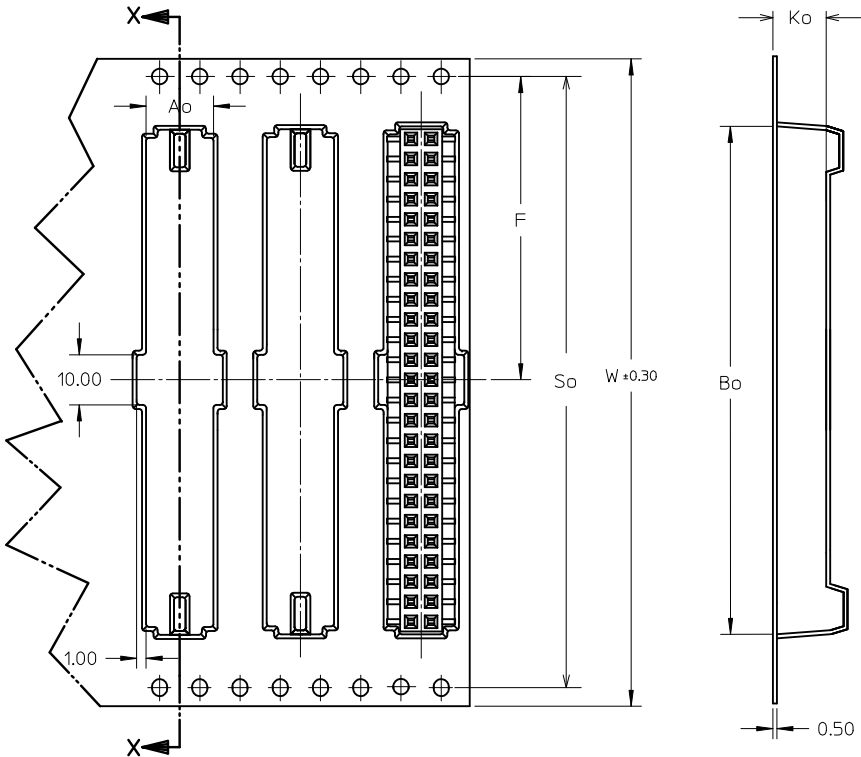
4. TAPE & REEL QUANTITY = SEE TABLE

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
		 F _A =0	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		
		 F _G =0	2 PLACES	± 0.20	± ---					
		 F _P =0	1 PLACE	± ---	± ---					
			ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87381-**6*	SHEET NO. 2 OF 4		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

[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 2011/07/29 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2011/08/03 2011/08/03			DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_B=0 F_C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		NTS						METRIC				
mm INCH					DRAWN BY	DATE	TITLE					
					JAMES	1998/01/08						
4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °					CHECKED BY	DATE						
			LCHANG	1999/04/23								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY	DATE	MOLEX MOLEX INCORPORATED							
			SQUEK	1999/04/26								
			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
			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									