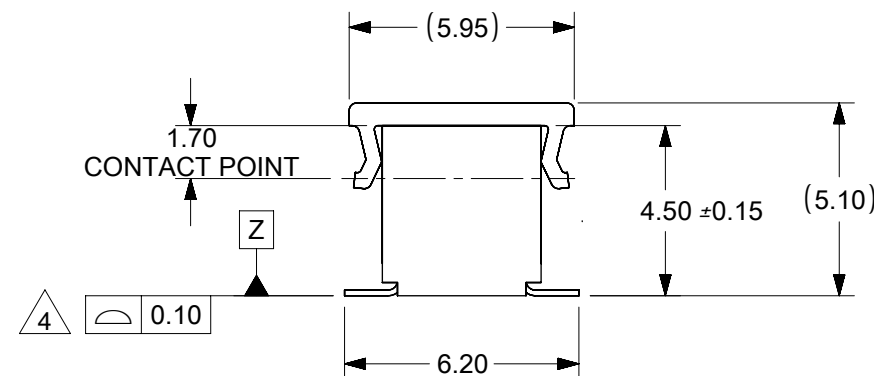
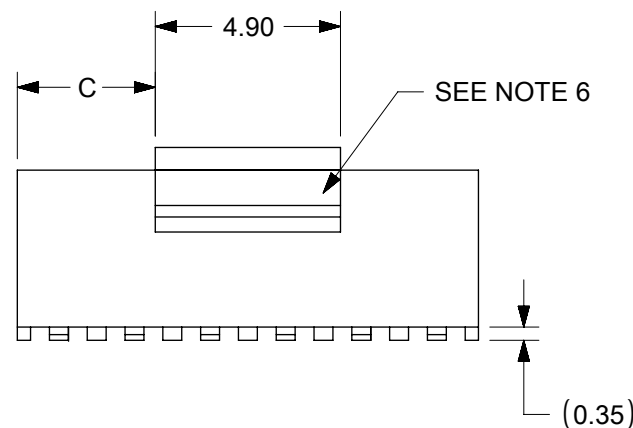
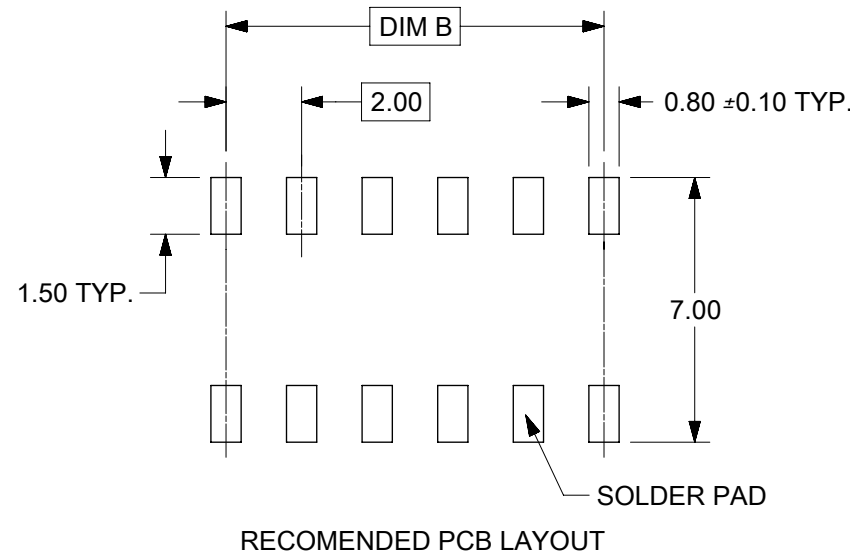
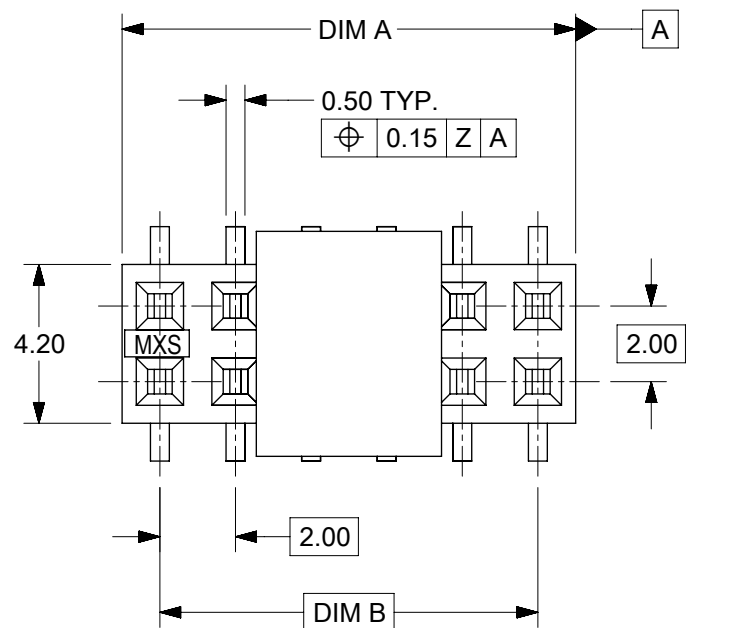
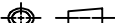


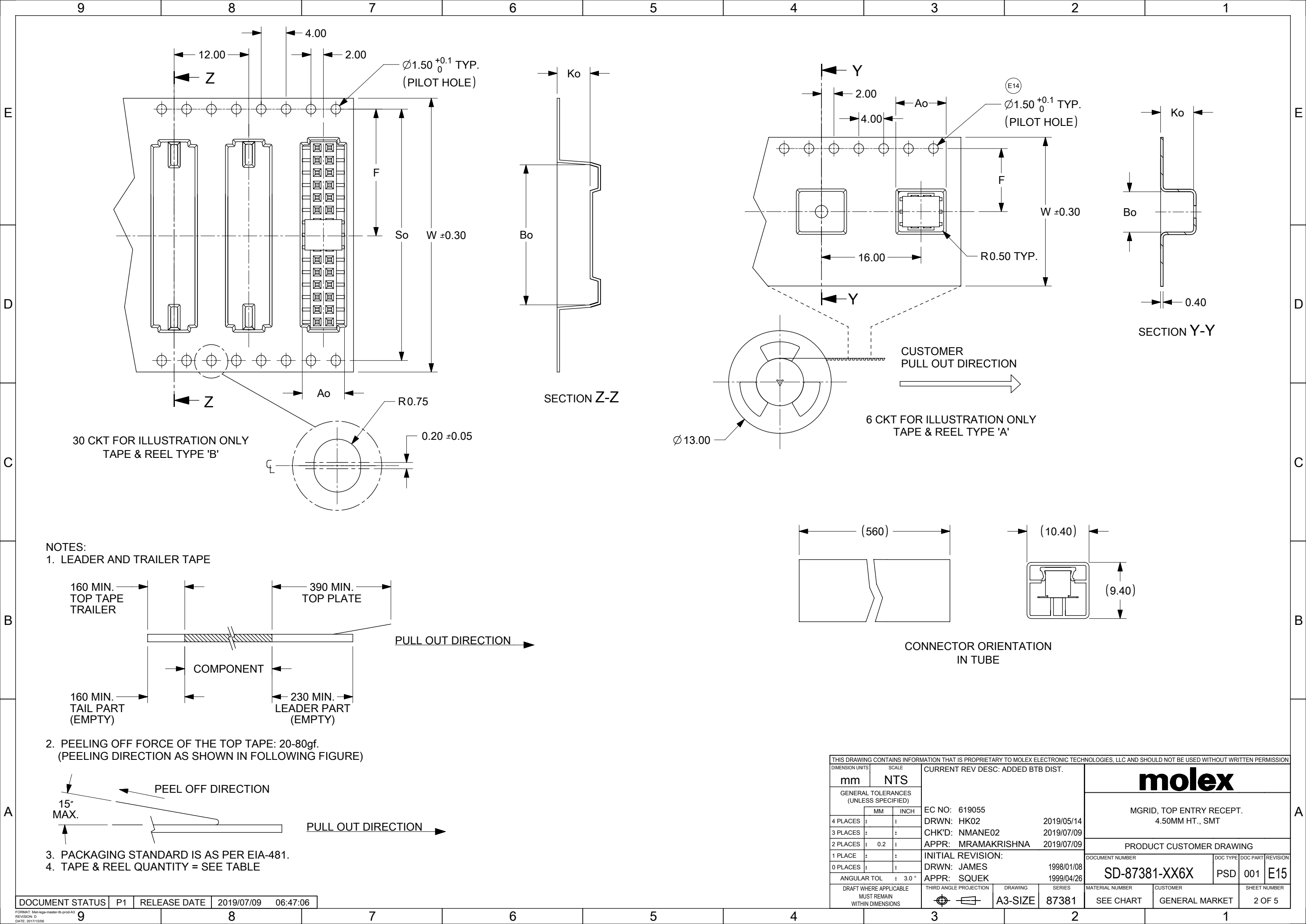


PART NUMBER W/CAP IN TUBE	CKT. SIZE	DIM A	DIM B	DIM C
87381-06**	6	6.00	4.00	0.55
87381-08**	8	8.00	6.00	1.55
87381-10**	10	10.00	8.00	2.55
87381-12**	12	12.00	10.00	3.55
87381-14**	14	14.00	12.00	4.55
87381-16**	16	16.00	14.00	5.55
87381-18**	18	18.00	16.00	6.55
87381-20**	20	20.00	18.00	7.55
87381-22**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

1. PLATING FINISH:
 - 0 , 3 - 0.76µm MIN. GOLD IN CONTACT AREA 1.27µm MIN. TIN
IN SOLDER TAIL AREA BOTH OVER 1.27µm MIN. NICKEL OVERALL
 - 4 - 0.38µm MIN. GOLD IN CONTACT AREA 1.27µm MIN. TIN
IN SOLDER TAIL AREA BOTH OVER 1.27µm MIN. NICKEL OVERALL
 - 5 - 0.05µm MIN. GOLD FLASH IN CONTACT AREA 1.90µm MIN. TIN
IN SOLDER TAIL AREA BOTH OVER 1.27µm MIN. NICKEL OVERALL
2. 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.
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.

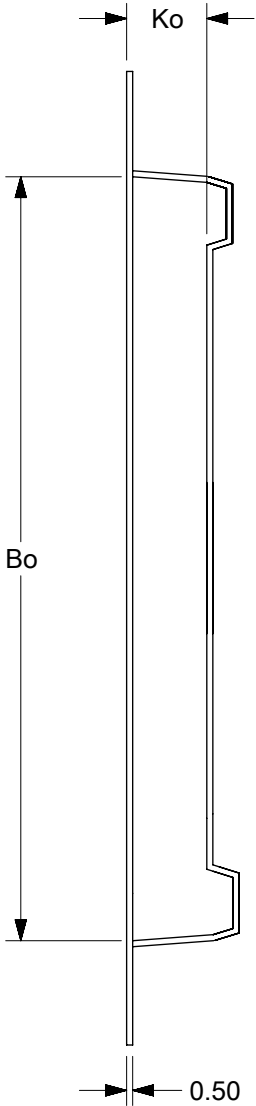
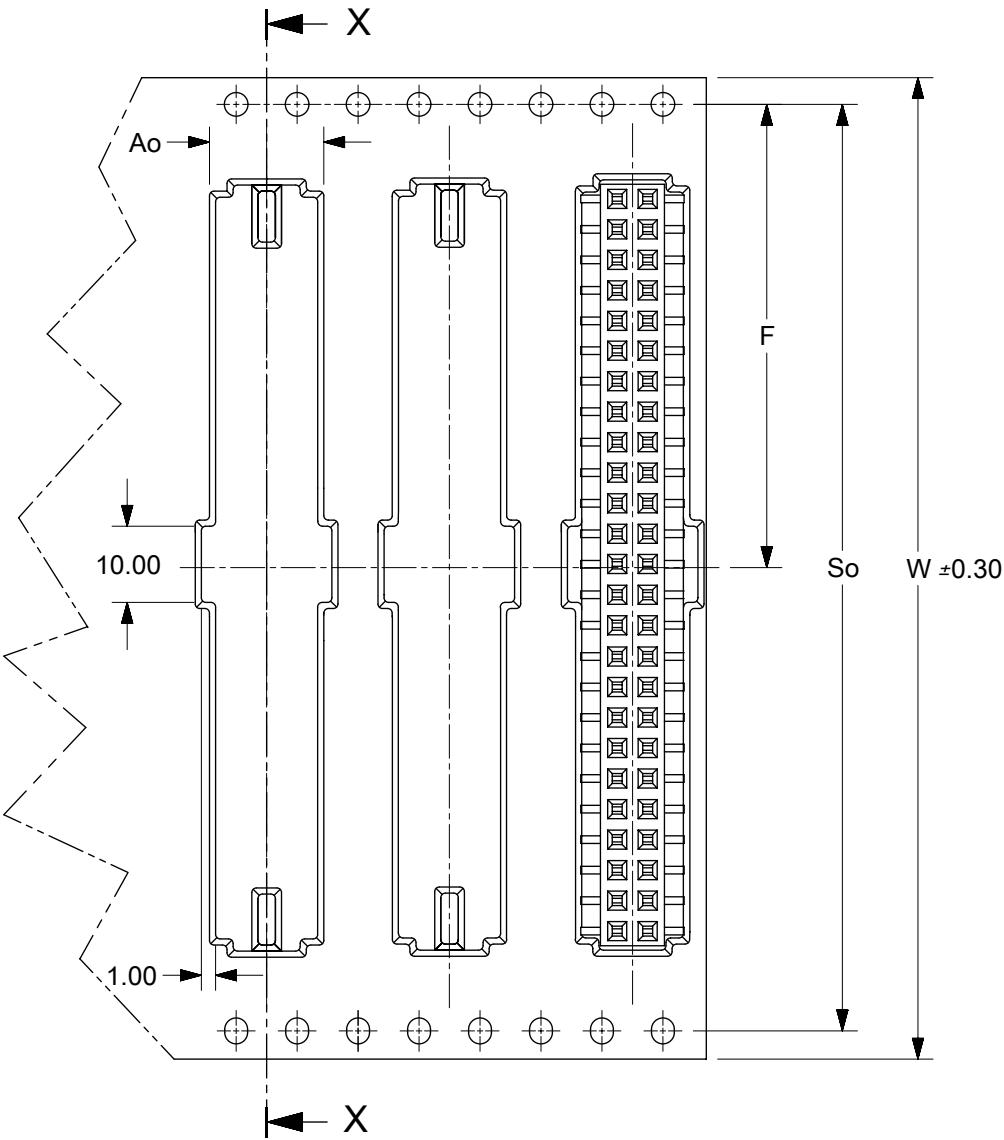
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.			molex			
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)							MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT			
	MM	INCH								
4 PLACES	±	±								
3 PLACES	±	±								
2 PLACES	± 0.2	±		PRODUCT CUSTOMER DRAWING						
1 PLACE	±	±								
0 PLACES	±	±								
ANGULAR TOL ± 3.0 °				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
				SD-87381-XX6X		PSD	001	E15		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE		87381		SEE CHART	GENERAL MARKET	1 OF 5



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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 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

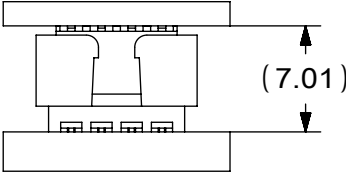
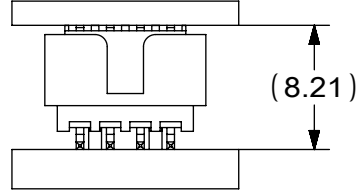
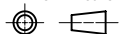


SECTION X-X

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	06:47:06
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FORMAT: Mef-lega-master-ib-prod-A3
REVISION: D
DATE: 2017/10/08

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.				molex		
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)								MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT		
		MM	INCH	EC NO: 619055				PRODUCT CUSTOMER DRAWING		
4 PLACES	±		±	DRWN: HK02 2019/05/14						
3 PLACES	±		±	CHK'D: NMANE02 2019/07/09						
2 PLACES	±	0.2	±	APPR: MRAMAKRISHNA 2019/07/09						
1 PLACE	±		±	INITIAL REVISION:				DOCUMENT NUMBER		
0 PLACES	±		±	DRWN: JAMES 1998/01/08						
ANGULAR TOL ± 3.0 °				APPR: SQUEK 1999/04/26				SD-87381-XX6X		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE	87381	SEE CHART	GENERAL MARKET	4 OF 5

10	9	8	7	6	5	4	3	2	1		
BOARD TO BOARD (BTB) DISTANCE											
RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW								
87381	87831	7.01									
	87832	8.21									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619055 DRWN: HK02 2019/05/14 CHK'D: NMANE02 2019/07/09 APPR: MRAMAKRISHNA 2019/07/09				MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT			
		MM	INCH								
4 PLACES	±		±	INITIAL REVISION:				DOCUMENT NUMBER SD-87381-XX6X			
3 PLACES	±		±								
2 PLACES	±	0.2	±	DRWN: DRWN BY APPR: APPR BY				DOC TYPE PSD			
1 PLACE	±		±								
0 PLACES	±		±	SERIES 87381				DOC PART 001			
ANGULAR TOL		±	3.0 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	A3-SIZE	CUSTOMER		SHEET NUMBER	
								GENERAL MARKET		5 OF 5	
DOCUMENT STATUS		P1	RELEASE DATE	2019/07/09	06:47:06						
FORMAT: Met Units, Imperial Units, Metric Units, Imperial Units											

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: ADDED BTB DIST.

EC NO: 619055

DRWN: HK02

CHK'D: NMANE02

APPR: MRAMAKRISHNA

2019/05/14

2019/07/09

2019/07/09

SD-87381-XX6X

PSD

001

E15

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

INITIAL REVISION:

DRWN: DRWN BY

APPR: APPR BY

XXXX/XX/XX

XXXX/XX/XX

XXXX/XX/XX

DOCUMENT NUMBER

SHEET NUMBER

DOC TYPE

CUSTOMER

DOC PART

GENERAL MARKET

REVISION

5 OF 5

PRODUCT CUSTOMER DRAWING

SD-87381-XX6X

PSD

001

E15

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

INITIAL REVISION:

DRWN: DRWN BY

APPR: APPR BY

XXXX/XX/XX

XXXX/XX/XX

XXXX/XX/XX

DOCUMENT NUMBER

SHEET NUMBER

DOC TYPE

CUSTOMER

DOC PART

GENERAL MARKET

REVISION

5 OF 5

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

87381

MATERIAL NUMBER

CUSTOMER

GENERAL MARKET

Mouser Electronics

Authorized Distributor

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[Molex:](#)

[87381-2863](#)