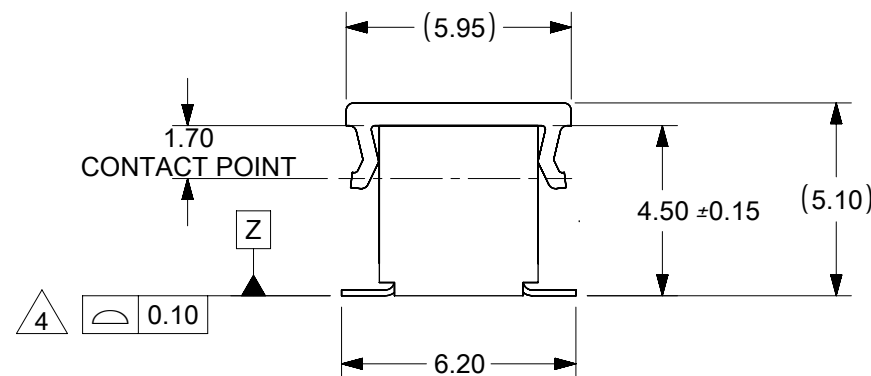
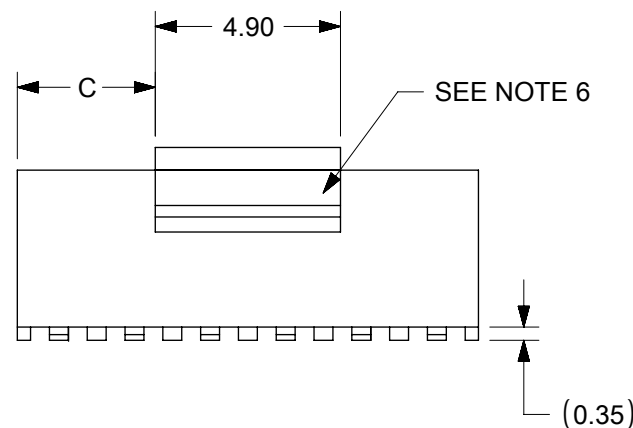
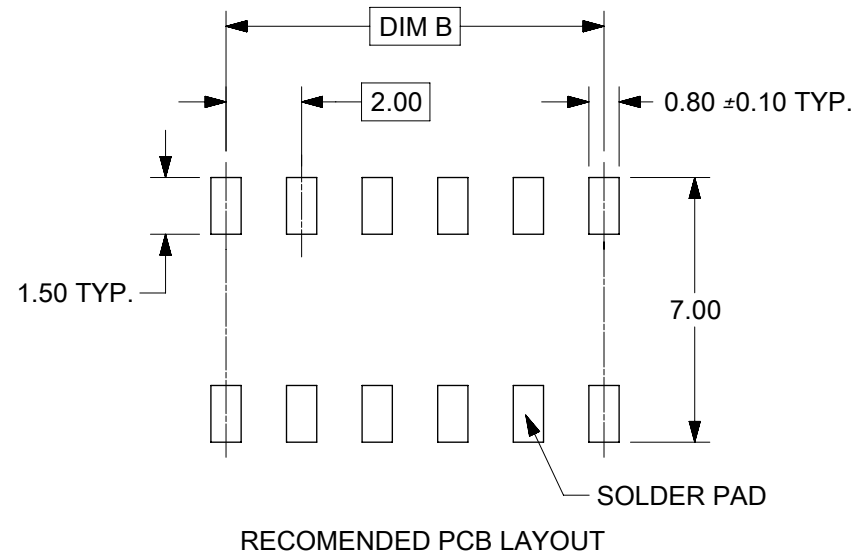
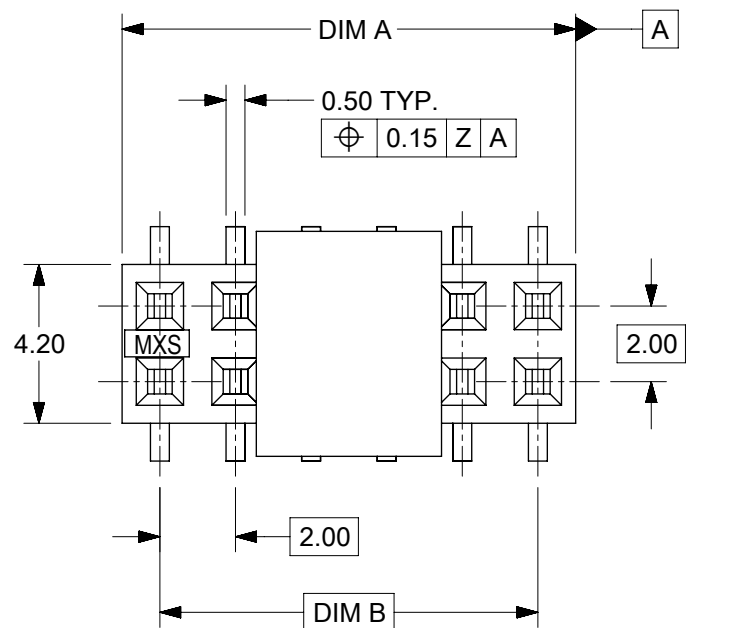




PART NUMBER W/CAP IN TUBE	CKT. SIZE	DIM A	DIM B	DIM C
87381-06**	6	6.00	4.00	0.55
87381-08**	8	8.00	6.00	1.55
87381-10**	10	10.00	8.00	2.55
87381-12**	12	12.00	10.00	3.55
87381-14**	14	14.00	12.00	4.55
87381-16**	16	16.00	14.00	5.55
87381-18**	18	18.00	16.00	6.55
87381-20**	20	20.00	18.00	7.55
87381-22**	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 $\uparrow +0.05$ UPWARDS AND $\downarrow -0.05$ 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.

PART NUMBER LEGEND

87381 - ** * *

PKT SIZE —

PLATING (SEE NOTE 1)

0

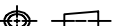
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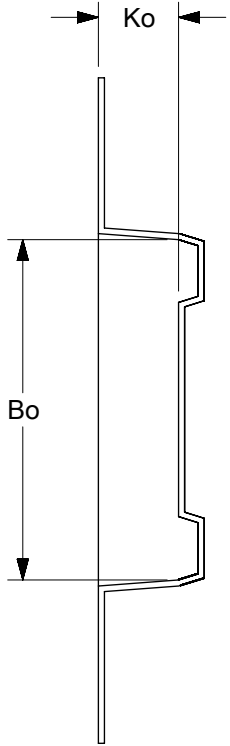
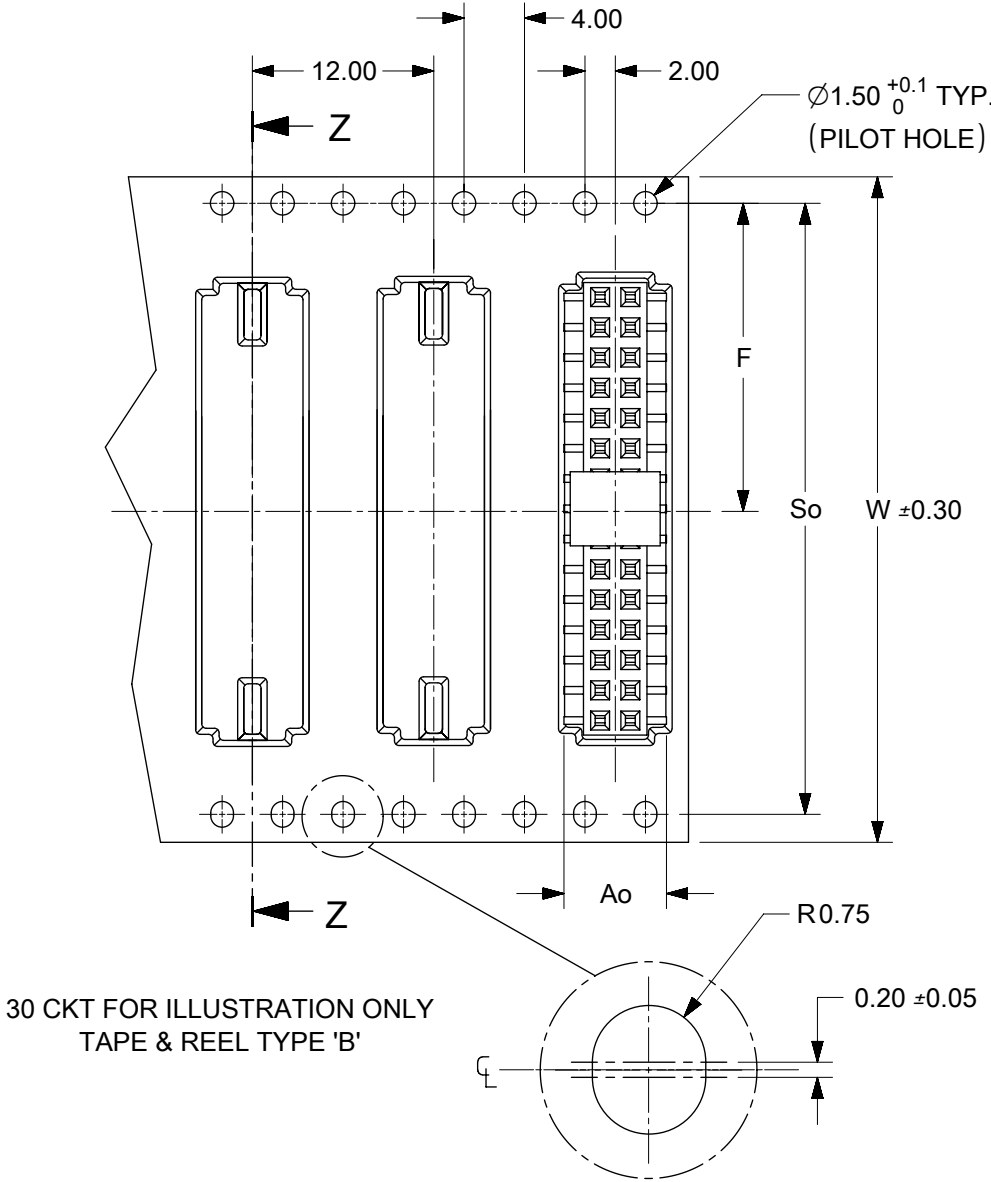
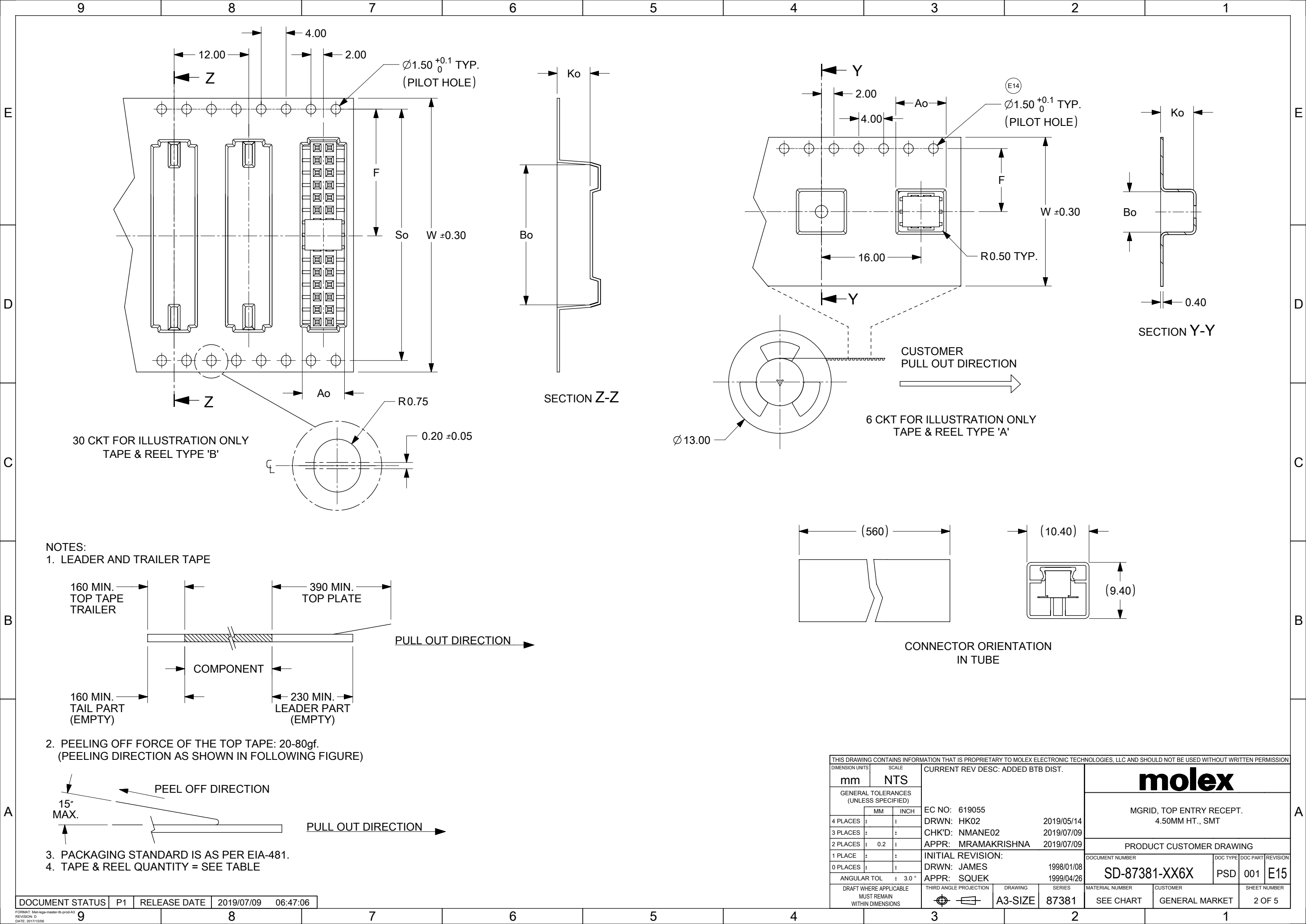
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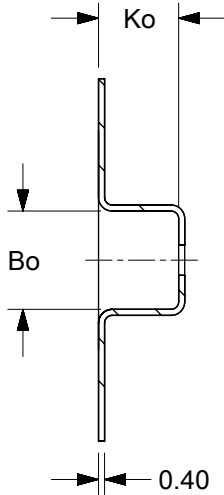
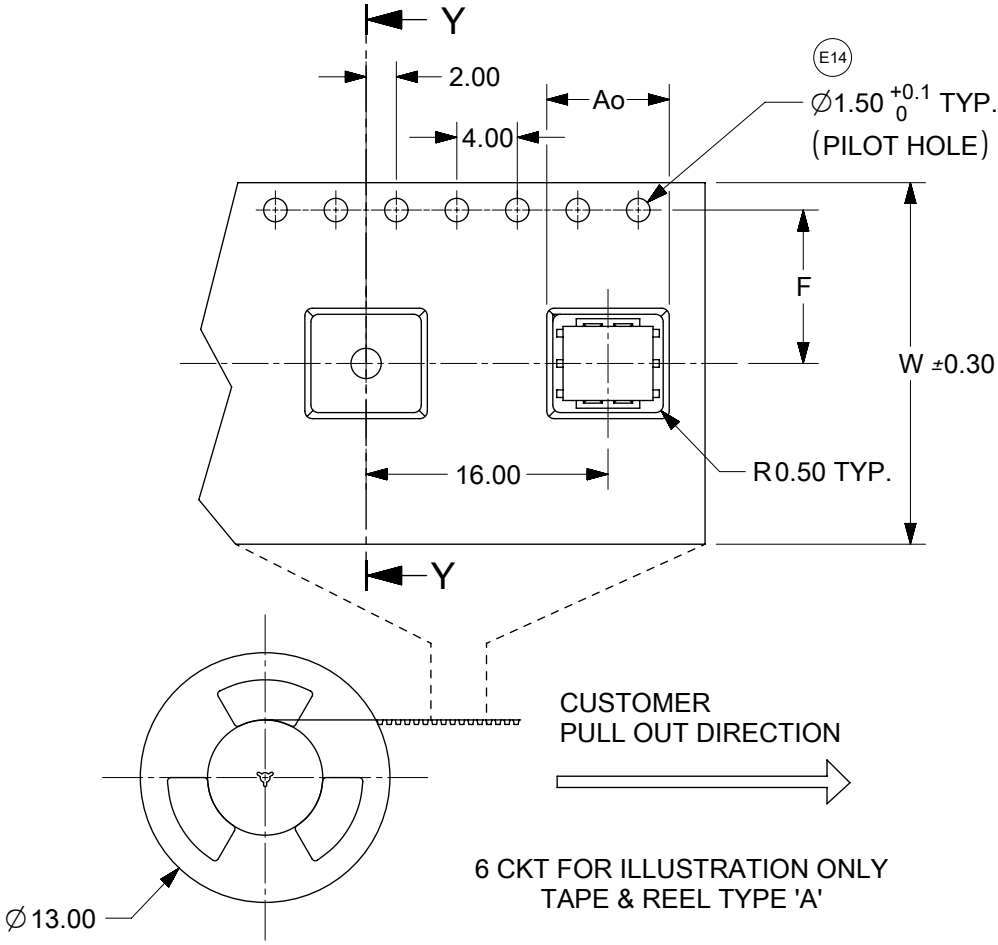
2, 6 - COVER

7 - NO COVER

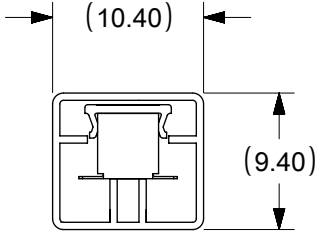
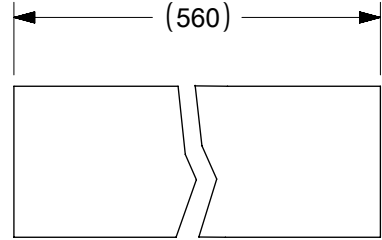
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED BTB DIST.				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				MGRID, TOP ENTRY RECEPT. 4.50MM HT., SMT					
	MM	INCH							
4 PLACES	±	±		EC NO: 619055		PRODUCT CUSTOMER DRAWING			
3 PLACES	±	±		DRWN: HK02 2019/05/14					
2 PLACES	± 0.2	±		CHK'D: NMANE02 2019/07/09					
1 PLACE	±	±		APPR: MRAMAKRISHNA 2019/07/09		DOCUMENT NUMBER SD-87381-XX6X			
0 PLACES	±	±		INITIAL REVISION:					
ANGULAR TOL ± 3.0 °				DRWN: JAMES 1998/01/08		DOC TYPE		DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: SQUEK 1999/04/26		PSD		001	E15
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		A3-SIZE		87381		SEE CHART		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 5	



SECTION Z-Z



SECTION Y-Y

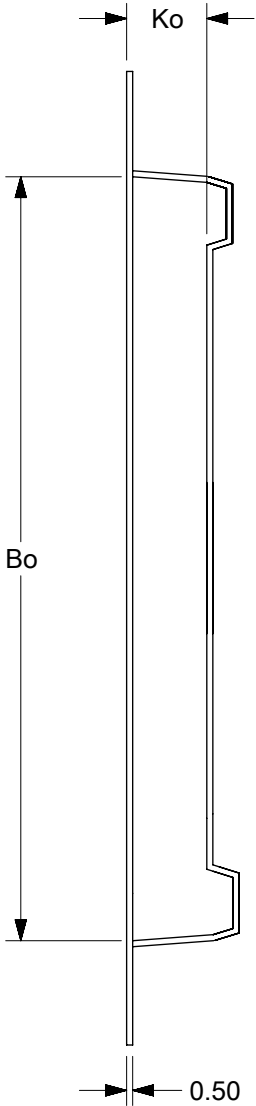
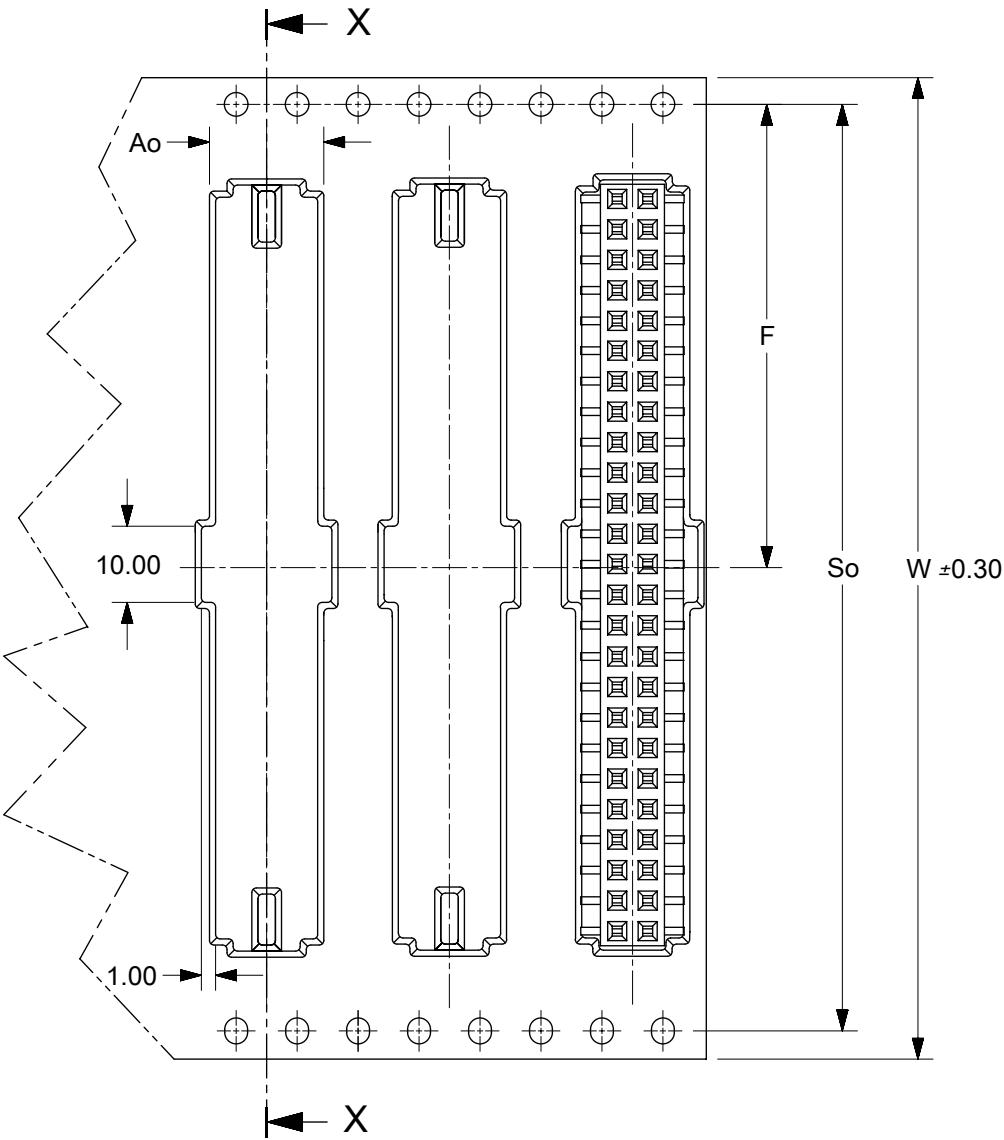


CONNECTOR ORIENTATION
IN TUBE

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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

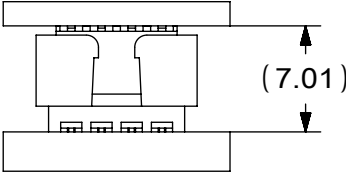
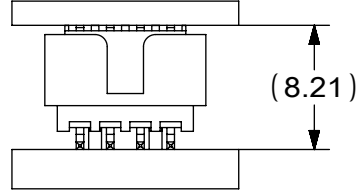
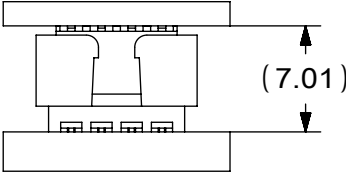
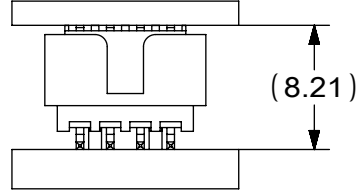
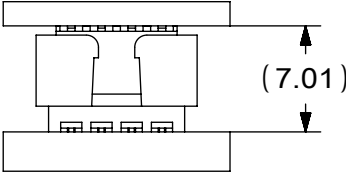
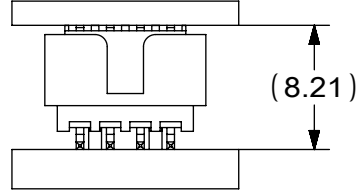


SECTION X-X

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: 2017/1/0/08

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 <table><tr><th>RECEPTACLE</th><th>MATES WITH(HEADER)</th><th>BTB DISTANCE</th><th>PICTORIAL VIEW</th></tr><tr><td rowspan="2">87381</td><td>87831</td><td>7.01</td><td></td></tr><tr><td>87832</td><td>8.21</td><td></td></tr></table>										RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW	87381	87831	7.01		87832	8.21	
RECEPTACLE	MATES WITH(HEADER)	BTB DISTANCE	PICTORIAL VIEW																	
87381	87831	7.01																		
	87832	8.21																		

Mouser Electronics

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