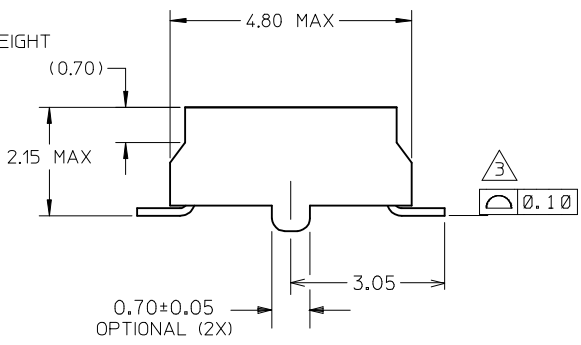
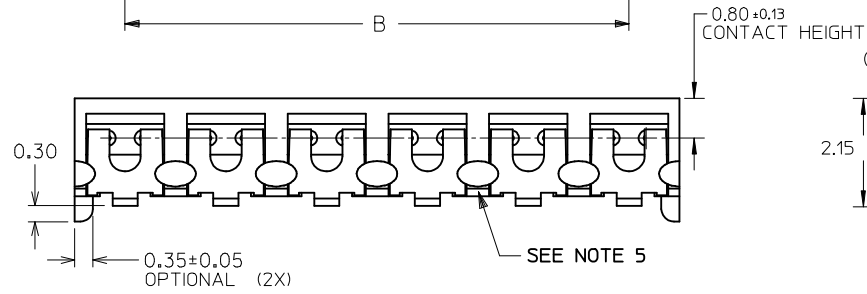
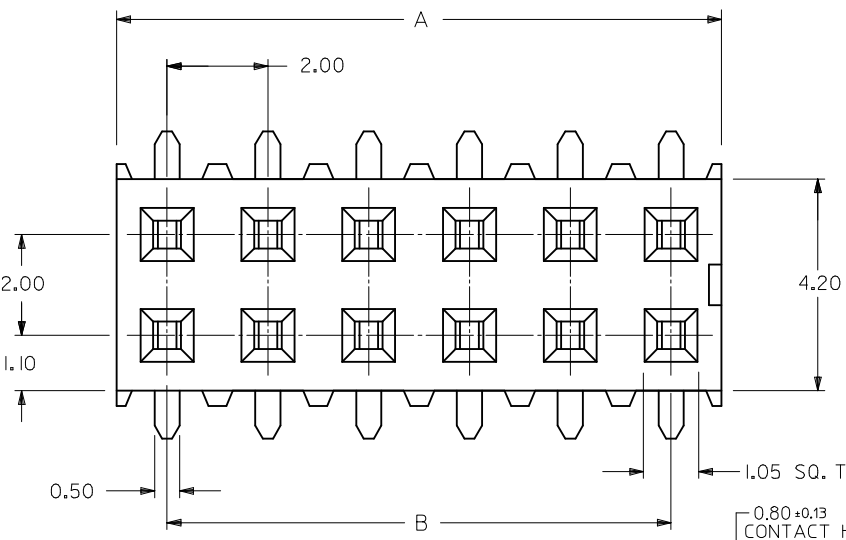


10 9 8 7 6 5 4 3 2 1

PART NO. IN TUBE	CKT. SIZE	DIM. B	DIM. A
87340-04**	4	2.00	4.00
87340-06**	6	4.00	6.00
87340-08**	8	6.00	8.00
87340-10**	10	8.00	10.00
87340-12**	12	10.00	12.00
87340-14**	14	12.00	14.00
87340-16**	16	14.00	16.00
87340-18**	18	16.00	18.00
87340-20**	20	18.00	20.00

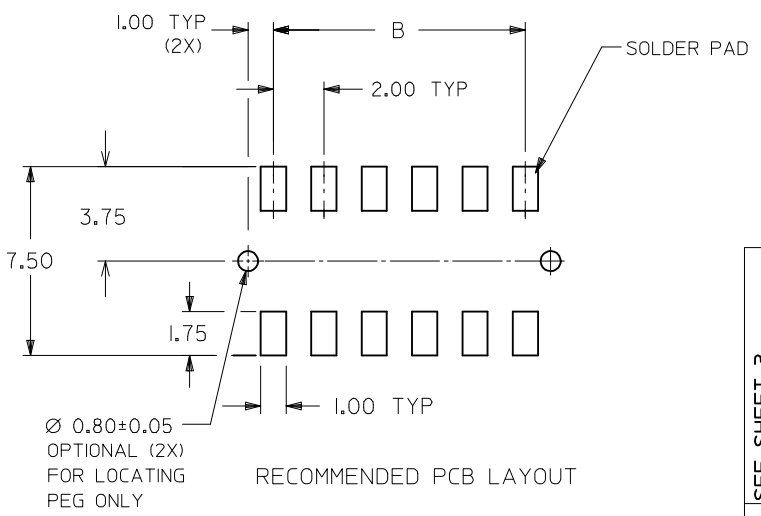
- NOTES:
- 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
 - PLATING FINISH:
 - 5 & 7 - 0.05um-0.25um GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
 - 3 & 8 - 0.76um/30uin MIN. GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
 - 4 & 9 - 0.38um/15uin MIN. GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
 - COPLANARITY OF SOLDER TAIL IS TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE.
 - PRODUCT SPECIFICATION PS-87340 APPLIES.
 - THIS AREA OF PART TO BE HEAT STAKED TO RETAIN CONTACTS.
 - PART IS MATEABLE TO ALL MILLI-GRID HEADERS WITH MINIMUM PIN LENGTHS OF 1.90mm FOR TOP ENTRY.



PART NO. LEGEND

- 87340 - * * * * *
- CIRCUIT SIZE
 - PACKAGING & PLATING
 - 3 - (TUBE WITH 0.76um MIN GOLD)
 - 4 - (TUBE WITH 0.38um MIN GOLD)
 - 5 - (TUBE WITH 0.05-0.25um GOLD)
 - 7 - (T&R WITH 0.05-0.25um GOLD)
 - 8 - (T&R WITH 0.76um MIN GOLD)
 - 9 - (T&R WITH 0.38um MIN GOLD)

- 1 - WITHOUT LOCATING PEGS (HOUSING - BLACK)
- 2 - WITH LOCATING PEGS (HOUSING - BLACK)
- 5 - WITHOUT LOCATING PEGS (HOUSING - NATURAL)
- 6 - WITH LOCATING PEGS (HOUSING - NATURAL)



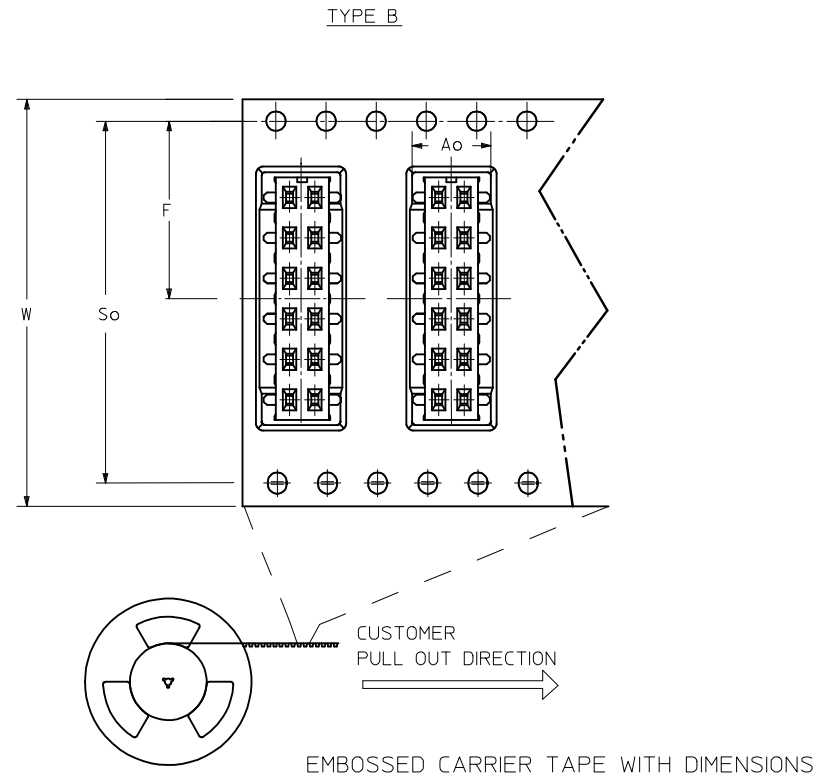
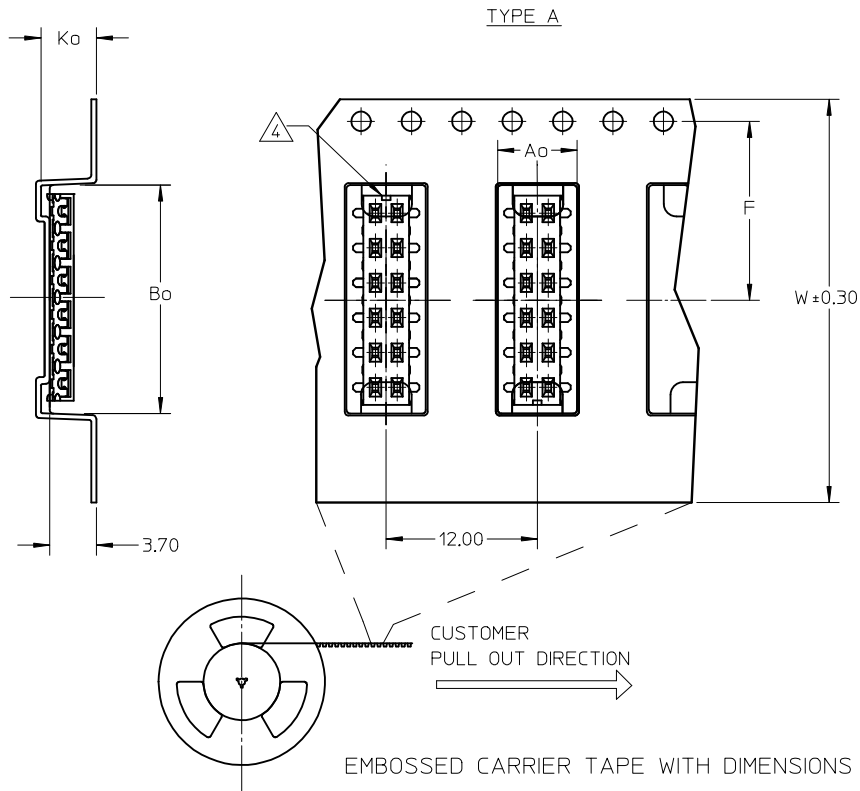
SEE SHEET 3	EC NO: S2018-0018	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	DRWN:MEMARLY 2017/06/19	$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
	CHKD:SCHEONG 2017/07/26	$F_G=0$	4 PLACES ± --- ± ---	DRAWN BY DATE			
	APPR:KILLIM 2017/07/30	$F_P=0$	3 PLACES ± --- ± ---	JKACHL I 1991/07/02			

DESCRIPTION	4 PLACES ± 0.20 ± ---	DRAWN BY DATE	TITLE
	3 PLACES ± --- ± ---	JNG 1991/07/09	MGRID
	2 PLACES ± --- ± ---	APPROVED BY DATE	VLPR II, 2MM DUAL ROW
	1 PLACE ± --- ± ---	MLONG 2009/11/24	TOP ENTRY RECEPT., SMT
	ANGULAR ± 3 °	MATERIAL NO.	MOLEX INCORPORATED
		SEE TABLE	SD-87340-**-01
			1 OF 3

APPROVED BY DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
MLONG 2009/11/24	

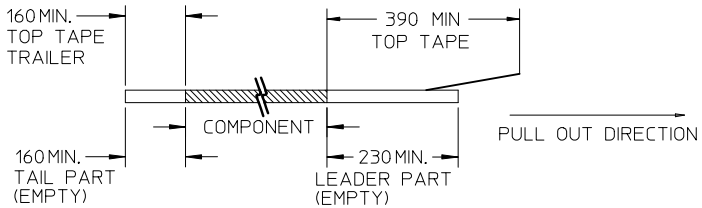
DOCUMENT NO.	SHEET NO.
SD-87340-**-01	1 OF 3

9 8 7 6 5 4 3 2 1



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.

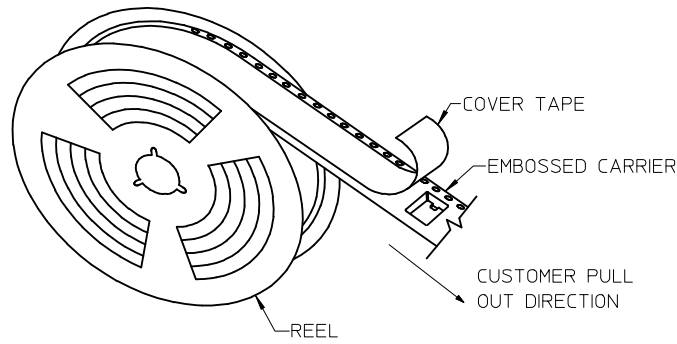
4. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.

5. TAPE & REEL QUANTITY : TBA

SEE SHEET 3 EC NO: S2018-0018 DRWN:GEMARLY 2017/06/19 CHKD:SCHEONG 2017/07/26 APPR:KHLIM 2017/07/30	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 JKACHL I	DATE 1991/07/02	TITLE MGRID		
	$F_C=0$	4 PLACES ± ---	± ---	CHECKED BY JNG	DATE 1991/07/09	VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT		
	$F_P=0$	3 PLACES ± ---	± ---	APPROVED BY MLONG	DATE 2009/11/24	MOLEX INCORPORATED		
		2 PLACES ± 0.20	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		1 PLACE ± ---	± ---	SEE TABLE		SD-87340-**-01		2 OF 3
		ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

10 9 8 7 6 5 4 3 2 1

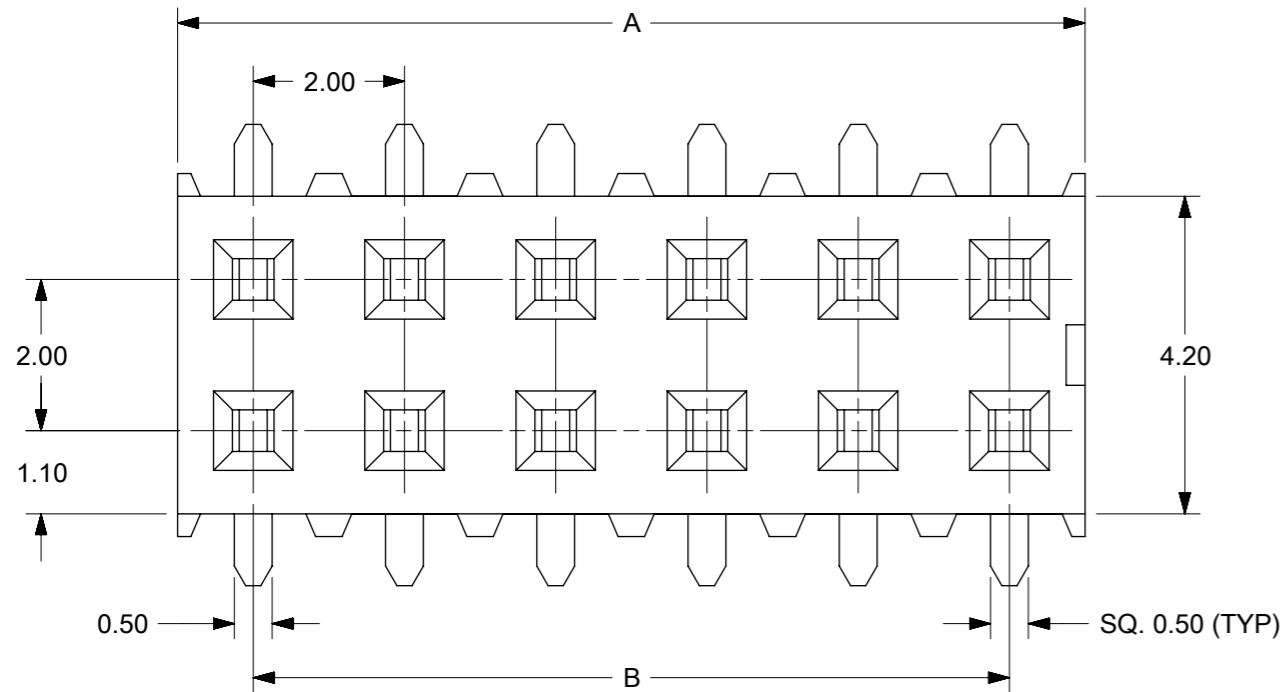
PART NO. IN TUBE	PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko	So
87340-0424	87340-0429	04	6.60	4.50	7.50	16.00	2.85	-
87340-1014	87340-1019	10	6.70	10.40	11.50	24.00	5.30	-
87340-1613	87340-1618	16	6.60	16.30	11.50	24.00	4.40	-
87340-1424	87340-1429	14	6.60	14.40	11.50	24.00	4.40	-
87340-1813	87340-1818	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-1814	87340-1819	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-2024	87340-2029	20	6.60	20.30	20.20	44.00	5.40	40.40



TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.

ADD 87340-0429 EC NO: S2018-0018 DRWN: MEMARLY 2017/06/19 CHKD: SCHEONG 2017/07/26 APPR: KHLIM 2017/07/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$F_A = 0$ $F_C = 0$ $F_P = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS	METRIC	
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.20	± ---																			
1 PLACE	± ---	± ---																			
DESCRIPTION	DRAWN BY: JKACHL I CHECKED BY: JNG APPROVED BY: MLONG DATE: 1991/07/02 DATE: 1991/07/09 DATE: 2009/11/24	TITLE	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT																		
REV	L8	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87340-**01	SHEET NO. 3 OF 3	MOLEX INCORPORATED															

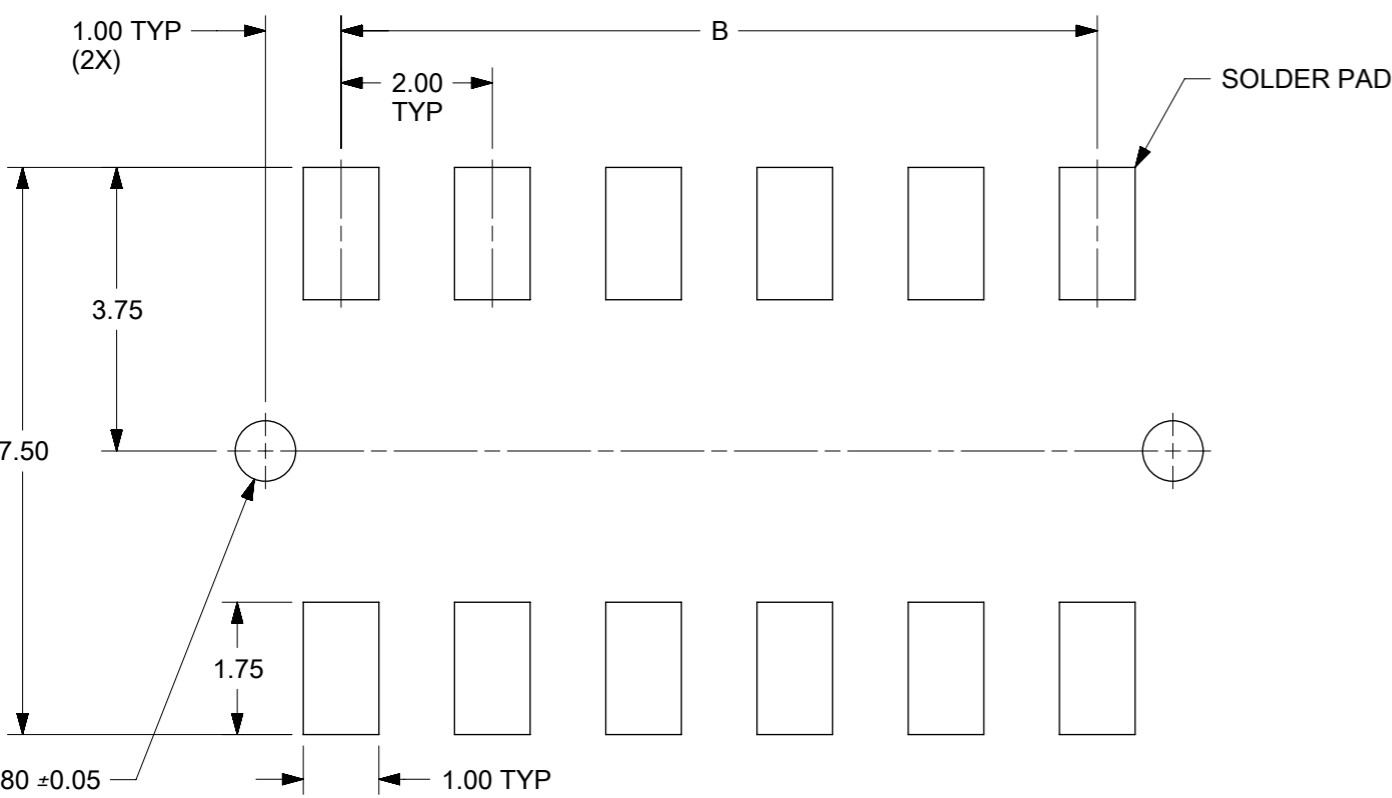
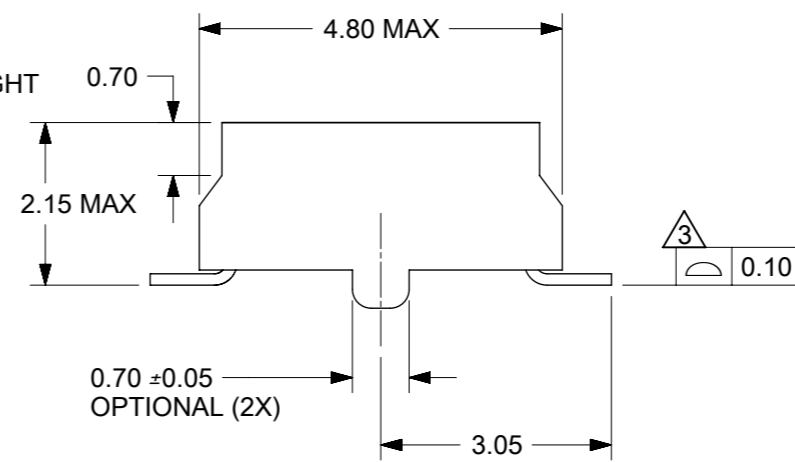
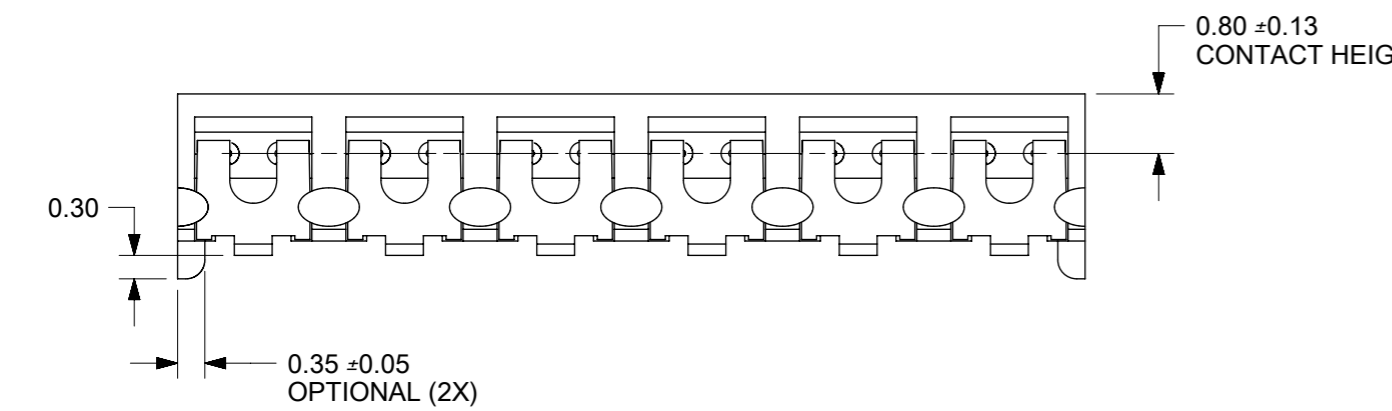
9 8 7 6 5 4 3 2 1



NOTES:

- 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
- PLATING FINISH:
 5 & 7 - 0.05µm-0.25µm GOLD IN CONTACT AREA
 1.90µm/75µ" MIN. TIN IN SOLDER TAIL AREA
 BOTH OVER 1.30µm/50µ" MIN. NICKEL OVERALL
 3 & 8 - 0.76µm/30µ" MIN. GOLD IN CONTACT AREA
 1.90µm/75µ" MIN. TIN IN SOLDER TAIL AREA
 BOTH OVER 1.30µm/50µ" MIN. NICKEL OVERALL
 4 & 9 - 0.38µm/15µ" MIN. GOLD IN CONTACT AREA
 1.90µm/75µ" MIN. TIN IN SOLDER TAIL AREA
 BOTH OVER 1.30µm/50µ" MIN. NICKEL OVERALL
- COPLANARITY OF SOLDER TAIL IS TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE.
- PRODUCT SPECIFICATION PS-87340 APPLIES.
- THIS AREA OF PART TO BE HEAT STAKED TO RETAIN CONTACTS.
- PART IS MATEABLE TO ALL MILLI-GRID HEADERS WITH MINIMUM PIN LENGTHS OF 1.90mm FOR TOP ENTRY.

PART NO. IN TUBE	CKT. SIZE	DIM. B	DIM. A
87340-04**	4	2.00	4.00
87340-06**	6	4.00	6.00
87340-08**	8	6.00	8.00
87340-10**	10	8.00	10.00
87340-12**	12	10.00	12.00
87340-14**	14	12.00	14.00
87340-16**	16	14.00	16.00
87340-18**	18	16.00	18.00
87340-20**	20	18.00	20.00

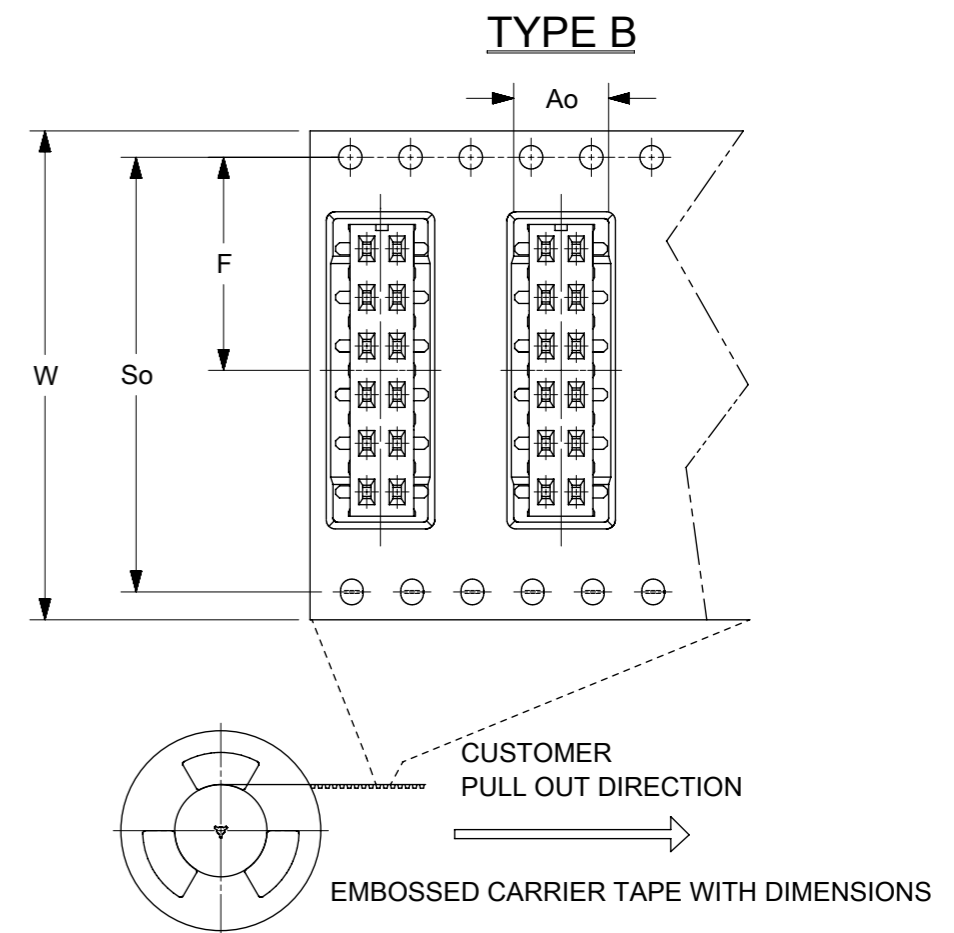
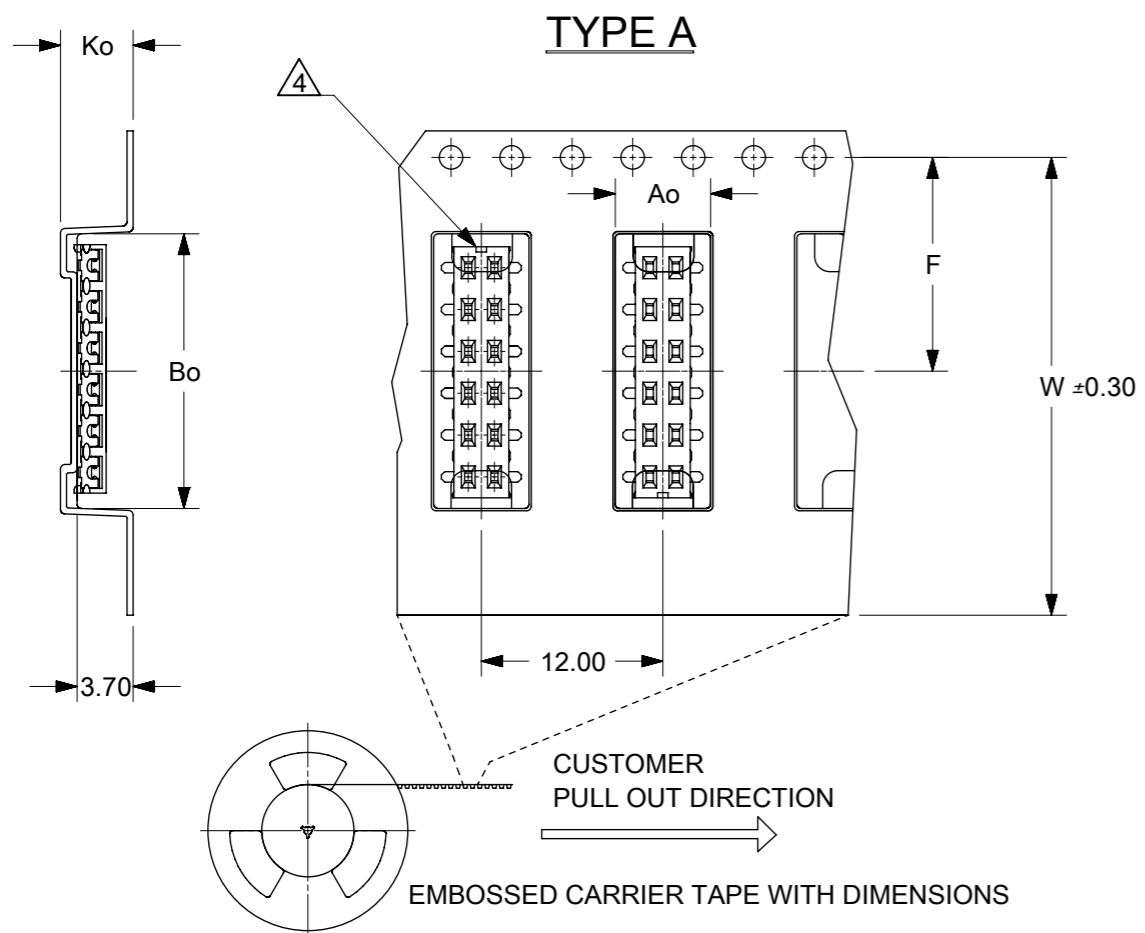


RECOMMENDED PCB LAYOUT

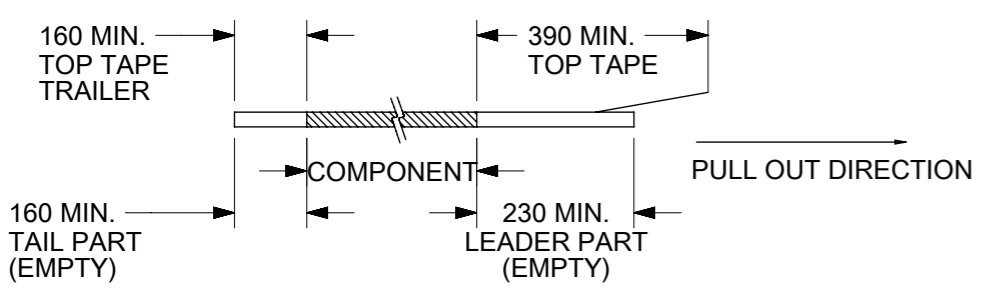
PART NO. LEGEND

- 87340 - * * * *
- CIRCUIT SIZE
- PACKAGING & PLATING ²
- 3 - (TUBE WITH 0.76µm MIN GOLD)
 - 4 - (TUBE WITH 0.38µm MIN GOLD)
 - 5 - (TUBE WITH 0.05-0.25µm GOLD)
 - 7 - (T&R WITH 0.05-0.25µm GOLD)
 - 8 - (T&R WITH 0.76µm MIN GOLD)
 - 9 - (T&R WITH 0.38µm MIN GOLD)
- 1 - WITHOUT LOCATING PEGS (HOUSING - BLACK)
 - 2 - WITH LOCATING PEGS (HOUSING - BLACK)
 - 5 - WITHOUT LOCATING PEGS (HOUSING - NATURAL)
 - 6 - WITH LOCATING PEGS (HOUSING - NATURAL)

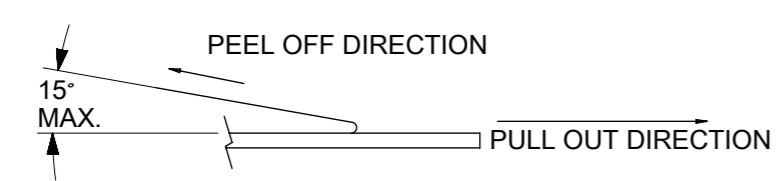
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MIGRATED TO ECTR		molex	
DIMENSION UNITS: mm		SCALE: NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 172635		MGRID	
		DRWN: RMV02		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	
4 PLACES ±		2018/02/20		PRODUCT CUSTOMER DRAWING	
3 PLACES ±		CHK'D: CD		DOCUMENT NUMBER	
2 PLACES ± 0.2		APPR: GGA		SD-87340-XX01	
1 PLACE ±		INITIAL REVISION:		DOC TYPE	
0 PLACES ±		DRWN: JKACHLI		PSD	
ANGULAR TOL ± 3.0°		APPR: MLONG		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		REVISION	
		DRAWING: A3-SIZE		L9	
		SERIES: 87340		SHEET NUMBER	
		MATERIAL NUMBER: SEE TABLE		1 OF 3	
		CUSTOMER: GENERAL MARKET			



NOTES:
1. LEADER AND TRAILER TAPE



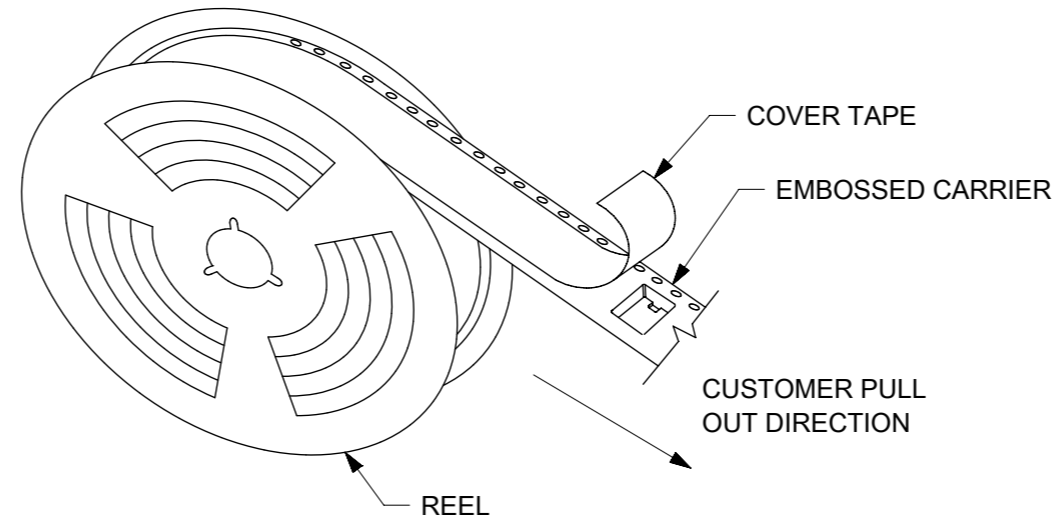
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.
4. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.
5. TAPE & REEL QUANTITY : TBA

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: MIGRATED TO ECTR					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM	INCH	MGRID					
4 PLACES	±			EC NO: 172635		2018/02/20		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	
3 PLACES	±			DRWN: RMV02		2018/05/25			
2 PLACES	±	0.2		CHK'D: CD		2018/05/30			
1 PLACE	±			APPR: GGA				PRODUCT CUSTOMER DRAWING	
0 PLACES	±			INITIAL REVISION:				DOCUMENT NUMBER	
		ANGULAR TOL ± 3.0°		DRWN: JKACHLI		1991/07/02		SD-87340-XX01	
				APPR: MLONG		2009/11/24		DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87340		CUSTOMER	
				SEE TABLE		GENERAL MARKET		SHEET NUMBER	
								2 OF 3	

PART NO. IN TUBE	PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko	So
87340-0424	87340-0429	04	6.60	4.50	7.50	16.00	2.85	-
87340-1014	87340-1019	10	6.70	10.40	11.50	24.00	5.30	-
87340-1613	87340-1618	16	6.60	16.30	11.50	24.00	4.40	-
87340-1424	87340-1429	14	6.60	14.40	11.50	24.00	4.40	-
87340-1813	87340-1818	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-1814	87340-1819	18	6.60	18.40	14.20	32.00	4.40	28.40
87340-2024	87340-2029	20	6.60	20.30	20.20	44.00	5.40	40.40



TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.

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: MIGRATED TO ECTR						molex	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 172635		2018/02/20		MGRID			
4 PLACES		±		DRWN: RMV02		2018/05/25		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT			
3 PLACES		±		CHK'D: CD		2018/05/30		PRODUCT CUSTOMER DRAWING			
2 PLACES		± 0.2		APPR: GGA							
1 PLACE		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
0 PLACES		±		DRWN: JKACHLI		1991/07/02		SD-87340-XX01		PSD 001 L9	
ANGULAR TOL		± 3.0°		APPR: MLONG		2009/11/24					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
						A3-SIZE		87340		SEE TABLE GENERAL MARKET 3 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/30	10:36:19
-----------------	----	--------------	------------	----------