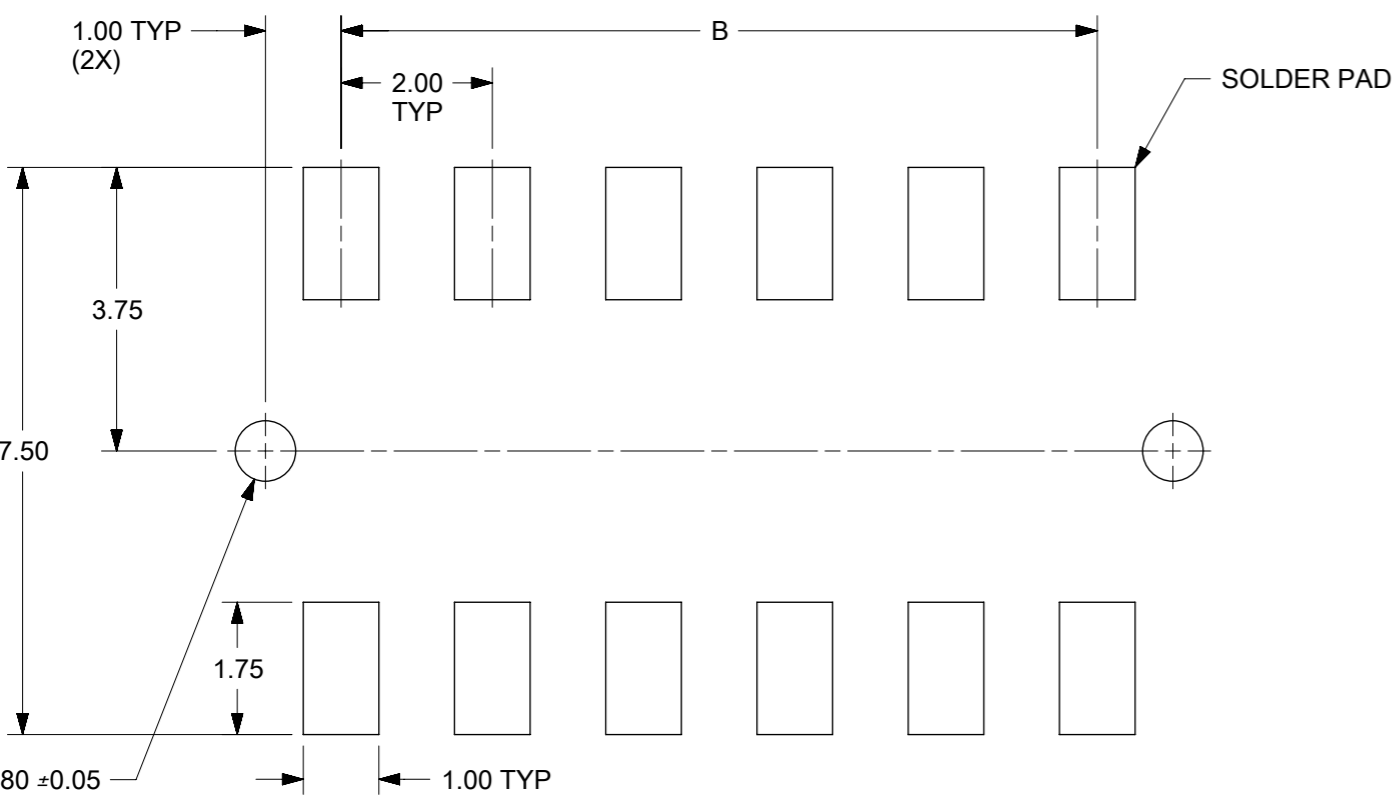
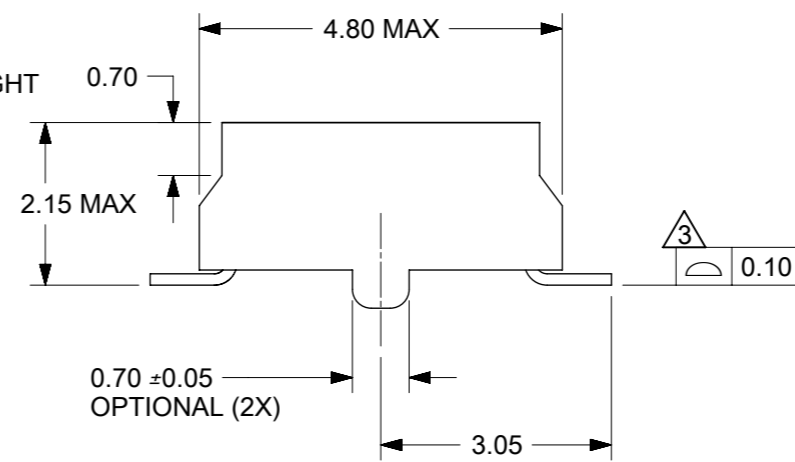
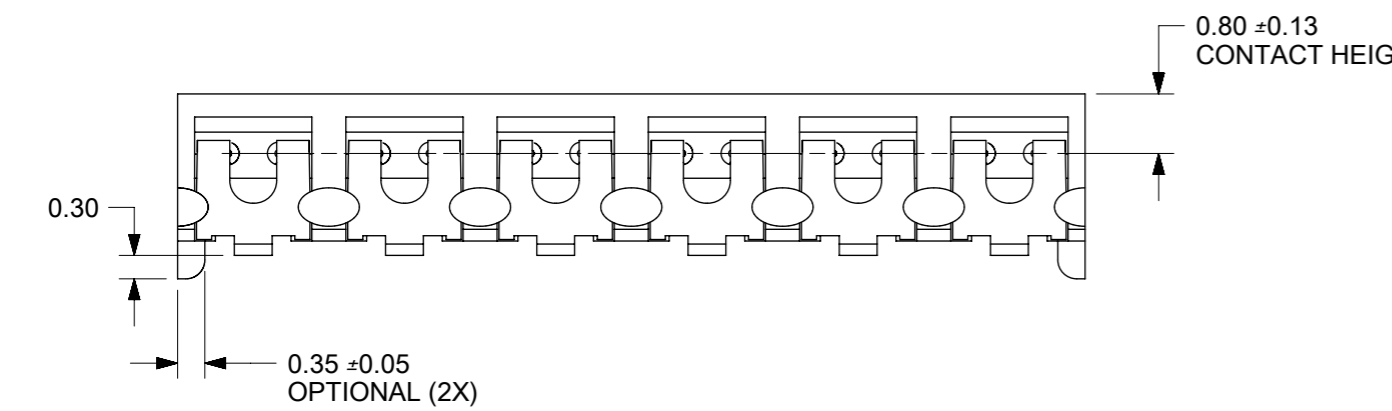


NOTES:

- 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



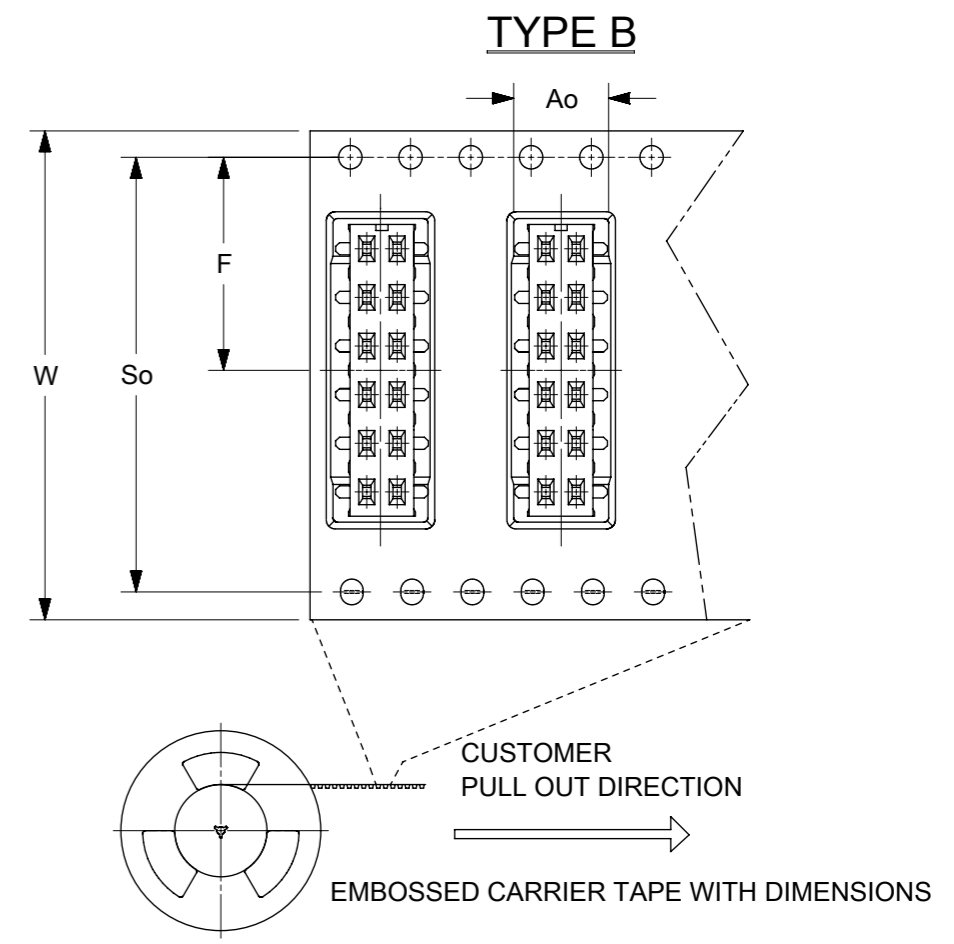
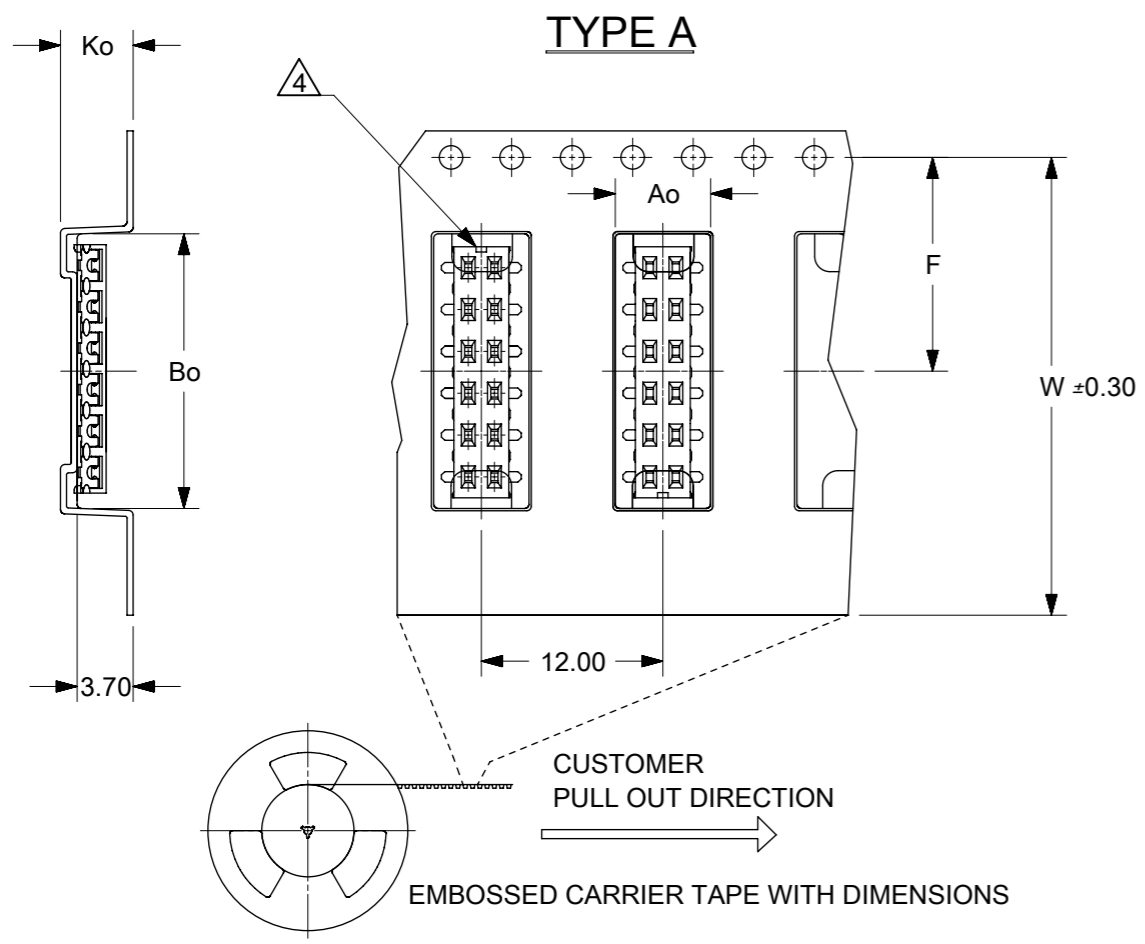
RECOMMENDED PCB LAYOUT

PART NO. LEGEND

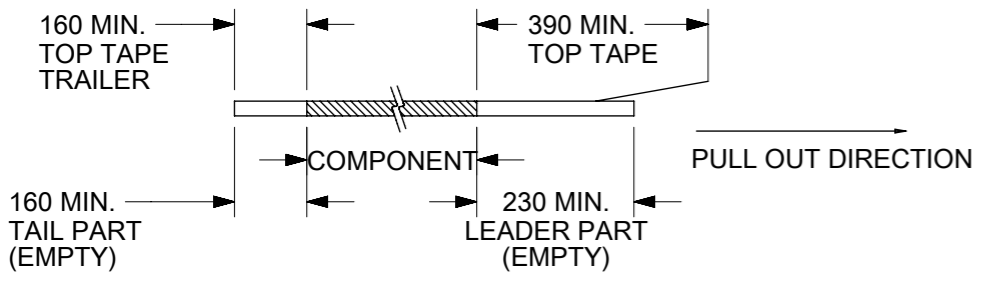
- 87340 - \* \* \* \*
- CIRCUIT SIZE
- PACKAGING & PLATING <sup>2</sup>
- 3 - (TUBE WITH 0.76µm MIN GOLD)
  - 4 - (TUBE WITH 0.38µm MIN GOLD)
  - 5 - (TUBE WITH 0.05-0.25µm GOLD)
  - 7 - (T&R WITH 0.05-0.25µm GOLD)
  - 8 - (T&R WITH 0.76µm MIN GOLD)
  - 9 - (T&R WITH 0.38µm MIN GOLD)
- 1 - WITHOUT LOCATING 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

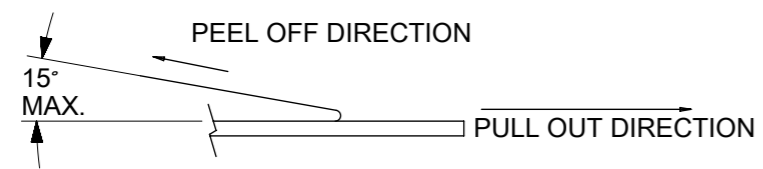
DIMENSION UNITS	SCALE	CURRENT REV DESC: MIGRATED TO ECTR	
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	± 0.2	±	
1 PLACE	±	±	
0 PLACES	±	±	
ANGULAR TOL	± 3.0°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
EC NO:	172635	DRWN:	RMV02
DRWN:	JKACHLI	DATE:	2018/02/20
CHK'D:	CD	DATE:	2018/05/25
APPR:	GGA	DATE:	2018/05/30
INITIAL REVISION:		DRWN:	JKACHLI
		DATE:	1991/07/02
		APPR:	MLONG
		DATE:	2009/11/24
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-87340-XX01		PSD	001
REVISION		L9	
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
SEE TABLE		GENERAL MARKET	1 OF 3



NOTES:  
1. LEADER AND TRAILER TAPE



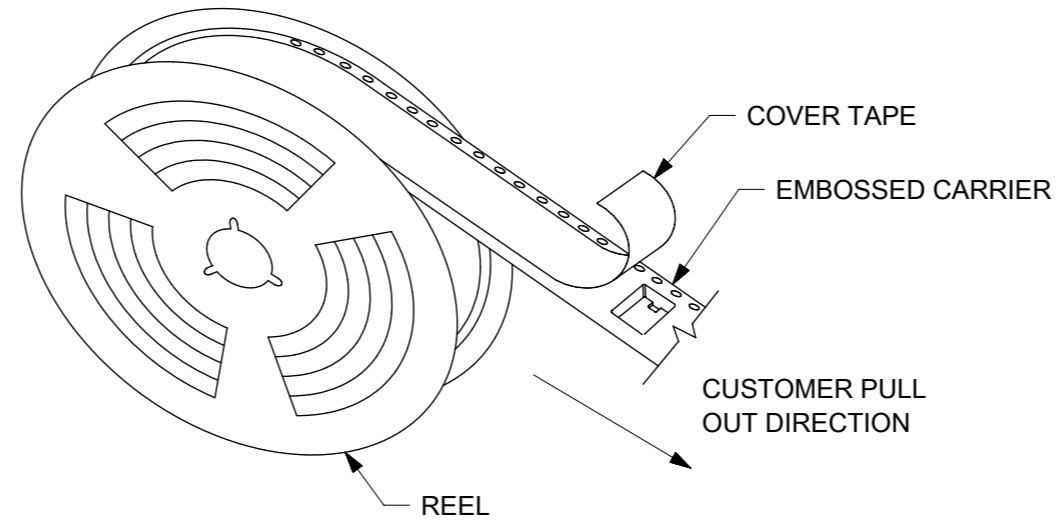
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



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

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						<b>molex</b>	
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		2018/05/25		PRODUCT CUSTOMER DRAWING			
2 PLACES		±	0.2	APPR: GGA		2018/05/30					
1 PLACE		±	±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART
0 PLACES		±	±	DRWN: JKACHLI		1991/07/02		SD-87340-XX01		PSD	001
ANGULAR TOL		±	3.0°	APPR: MLONG		2009/11/24				L9	REVISION
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
-----------------	----	--------------	------------	----------