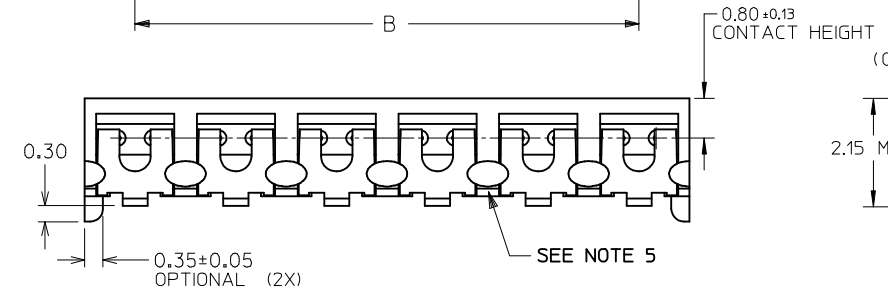
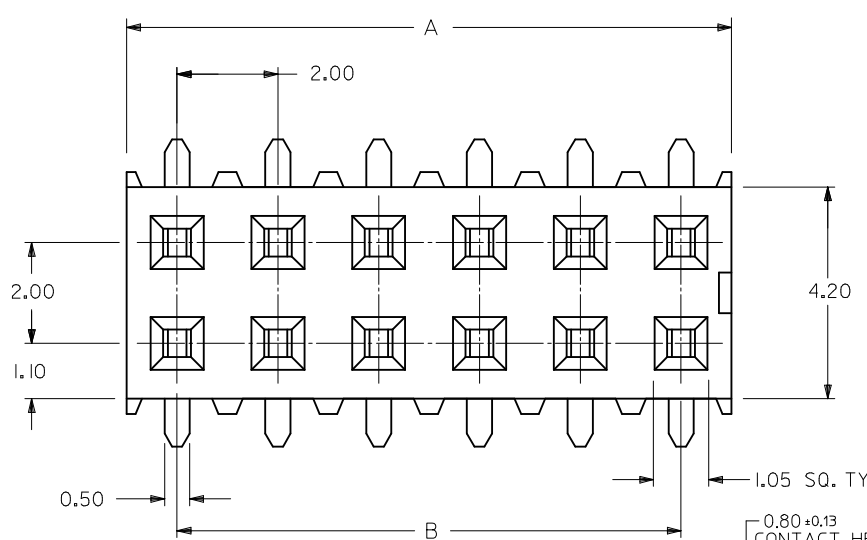


10 9 8 7 6 5 4 3 2 1

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:
 1. 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY.
 SEE CHART FOR AVAILABLE PART SIZES.

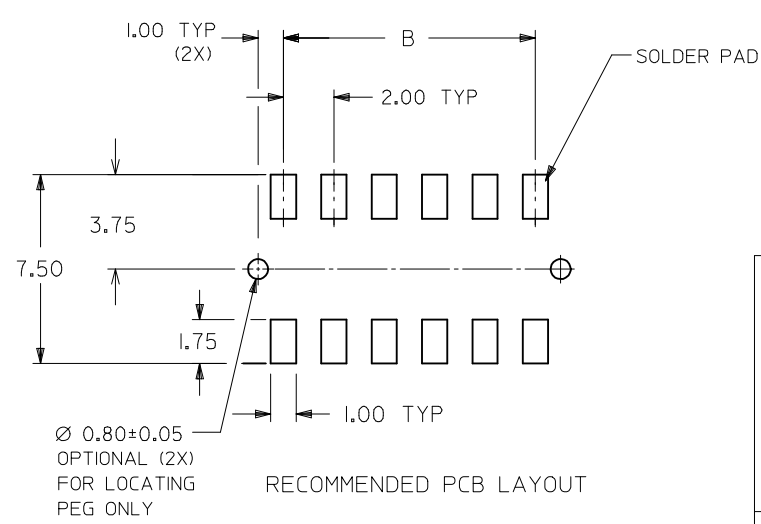
2. PLATING FINISH:
 5 & 7 - 0.05um-0.25um GOLD IN CONTACT AREA
 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA
 BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
 3 & 8 - 0.76um/30uin MIN. GOLD IN CONTACT AREA
 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA
 BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
 4 & 9 - 0.38um/15uin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



PART NO. LEGEND

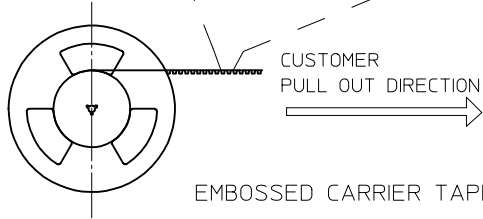
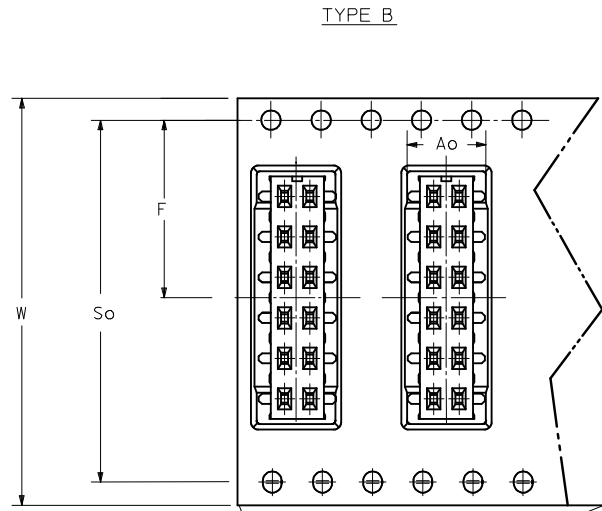
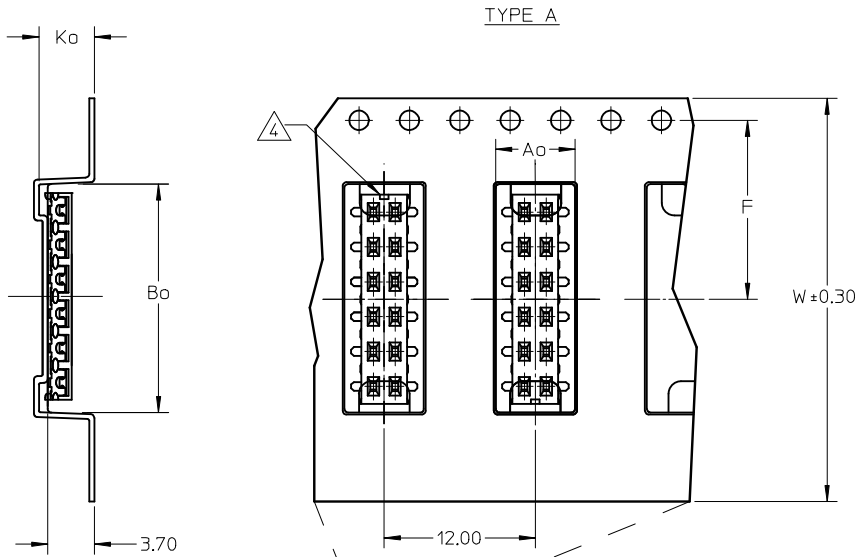
- 87340 - * * * * *
- CIRCUIT SIZE
- PACKAGING & PLATING
- 3 - (TUBE WITH 0.76um MIN GOLD)
 - 4 - (TUBE WITH 0.38um MIN GOLD)
 - 5 - (TUBE WITH 0.05-0.25um GOLD)
 - 7 - (T&R WITH 0.05-0.25um GOLD)
 - 8 - (T&R WITH 0.76um MIN GOLD)
 - 9 - (T&R WITH 0.38um MIN GOLD)

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

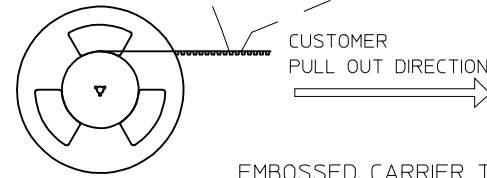


REV	DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		F _A =0	F _C =0	F _P =0	mm	INCH	MM ONLY	NTS	METRIC	⊙	∟
L8	SEE SHEET 3 EC NO: S2018-0018 DRW:GEMARLY 2017/06/19 CHKD:SCHEONG 2017/07/26 APPR:KILLIM 2017/07/30	4 PLACES	± ---	± ---			DRAWN BY JKACHL I	DATE 1991/07/02	TITLE MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	MOLEX INCORPORATED	
		3 PLACES	± ---	± ---			CHECKED BY JNG	DATE 1991/07/09	MATERIAL NO. SD-87340-**-01		SHEET NO. 1 OF 3
		2 PLACES	± 0.20	± ---			APPROVED BY MLONG	DATE 2009/11/24	DOCUMENT NO.		
		1 PLACE	± ---	± ---			ANGULAR ± 3 °		SEE TABLE		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

9 8 7 6 5 4 3 2 1



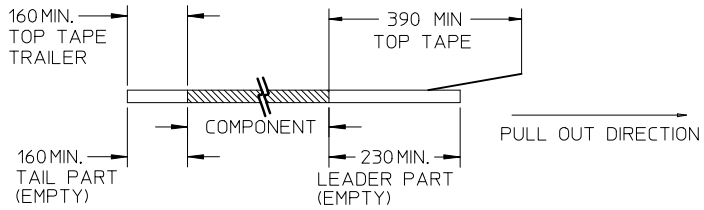
EMBOSSED CARRIER TAPE WITH DIMENSIONS



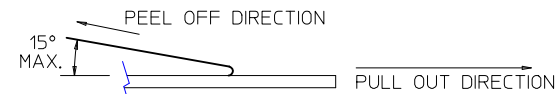
EMBOSSED CARRIER TAPE WITH DIMENSIONS

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.

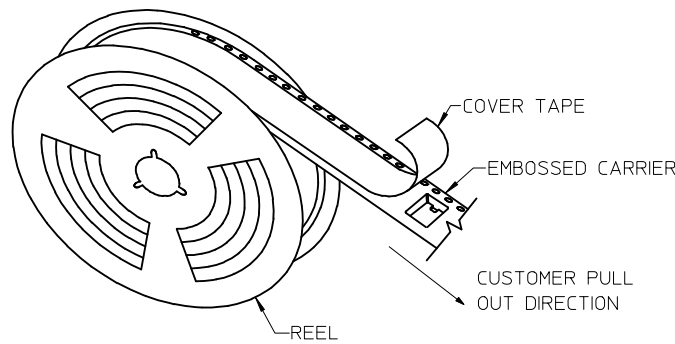
4. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.

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	DESCRIPTION QUALITY SYMBOLS $F_A=0$ $F_C=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	NTS	METRIC		
			mm	INCH	DRAWN BY	DATE	TITLE	
		4 PLACES	± ---	± ---	JKACHL I	1991/07/02	MGRID	
3 PLACES	± ---	± ---	CHECKED BY	DATE	VLPR II, 2MM DUAL ROW			
2 PLACES	± 0.20	± ---	JNG	1991/07/09	TOP ENTRY RECEPT., SMT			
1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
ANGULAR ± 3 °			MLONG	2009/11/24	DOCUMENT NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87340-**-01		SHEET NO.		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 3		

10 9 8 7 6 5 4 3 2 1

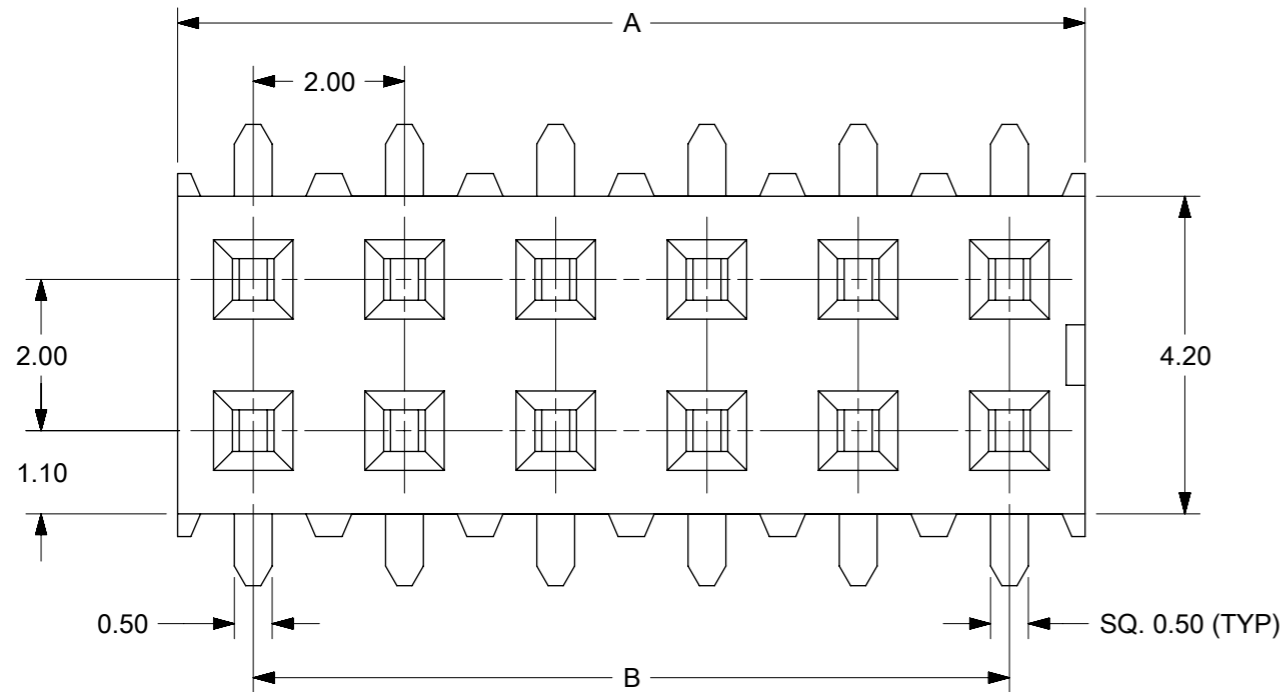
PART NO. IN TUBE	PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko	So
87340-0424	87340-0429	04	6.60	4.50	7.50	16.00	2.85	-
87340-1014	87340-1019	10	6.70	10.40	11.50	24.00	5.30	-
87340-1613	87340-1618	16	6.60	16.30	11.50	24.00	4.40	-
87340-1424	87340-1429	14	6.60	14.40	11.50	24.00	4.40	-
87340-1813	87340-1818	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
	$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
	$F_C=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	$F_P=0$	3 PLACES ± --- ± ---	JKACHL I 1991/07/02	MGRID		
	2 PLACES ± 0.20 ± ---	CHECKED BY DATE	VLPR II, 2MM DUAL ROW			
	1 PLACE ± --- ± ---	JNG 1991/07/09	TOP ENTRY RECEPT., SMT			
	ANGULAR ± 3 °	APPROVED BY DATE	MOLEX INCORPORATED			
		MLONG 2009/11/24	MOLEX			
		MATERIAL NO.	SEE TABLE		DOCUMENT NO.	SHEET NO.
			SD-87340-**-01		3 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
L8	REV		SIZE			
			A3			

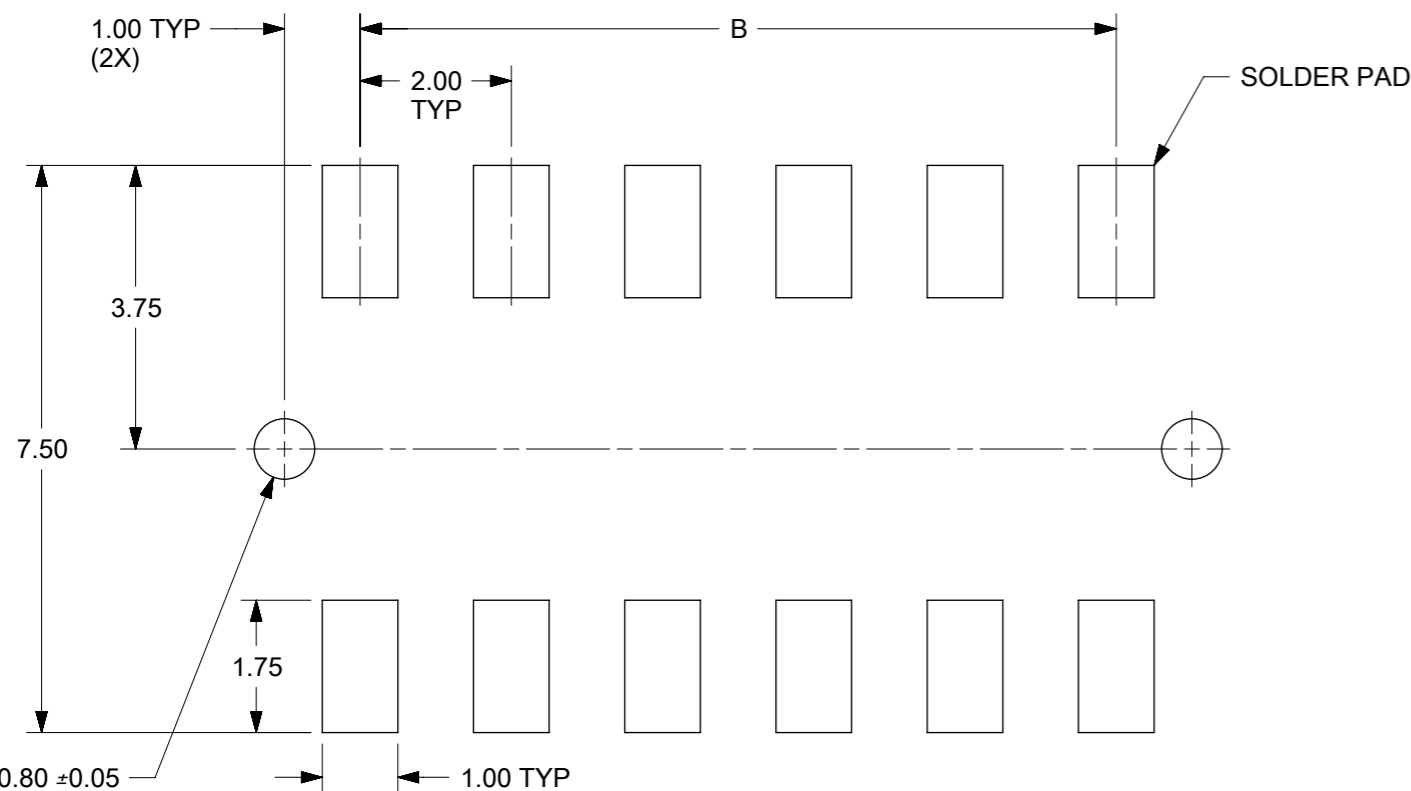
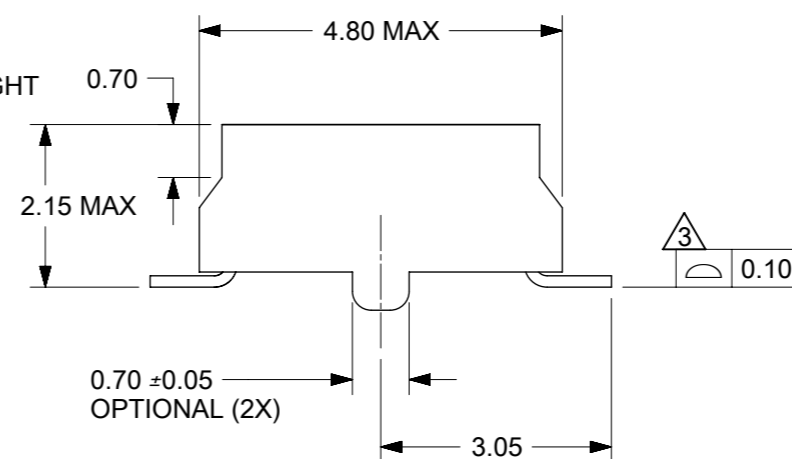
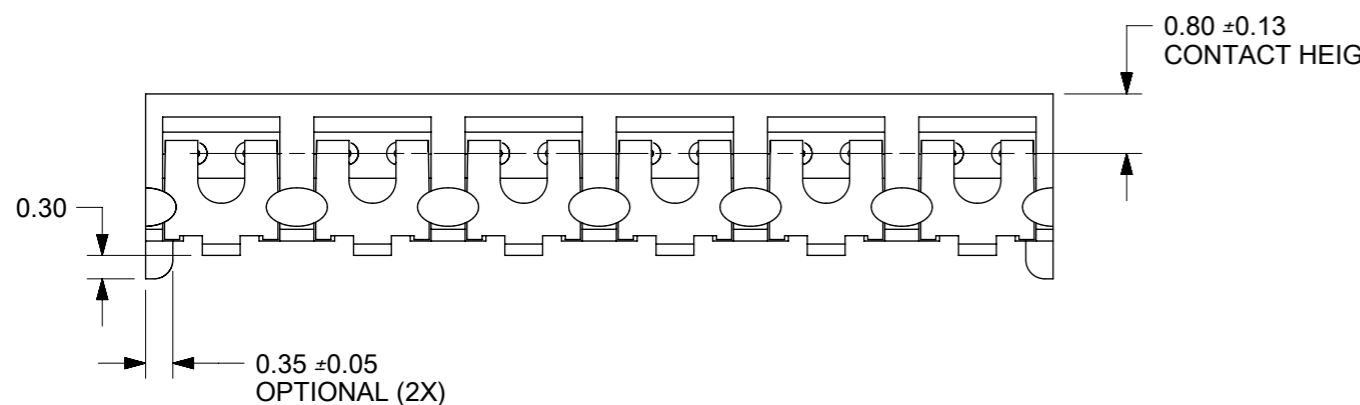
9 8 7 6 5 4 3 2 1



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

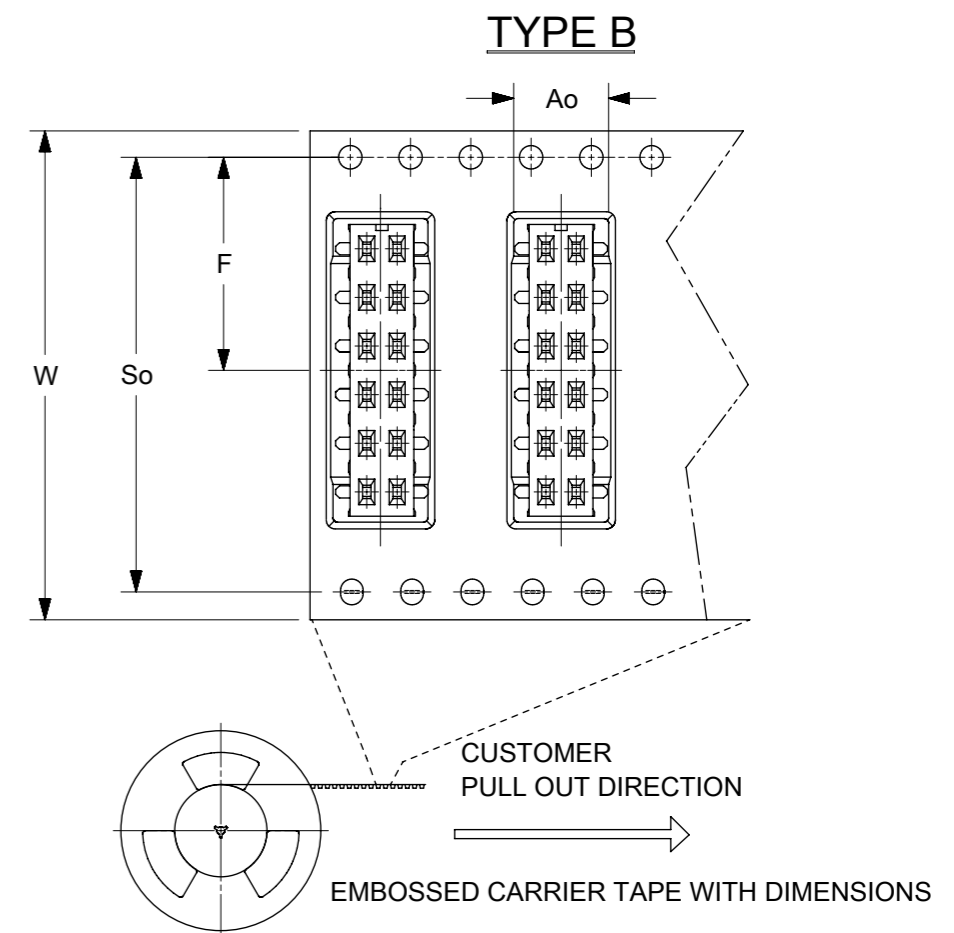
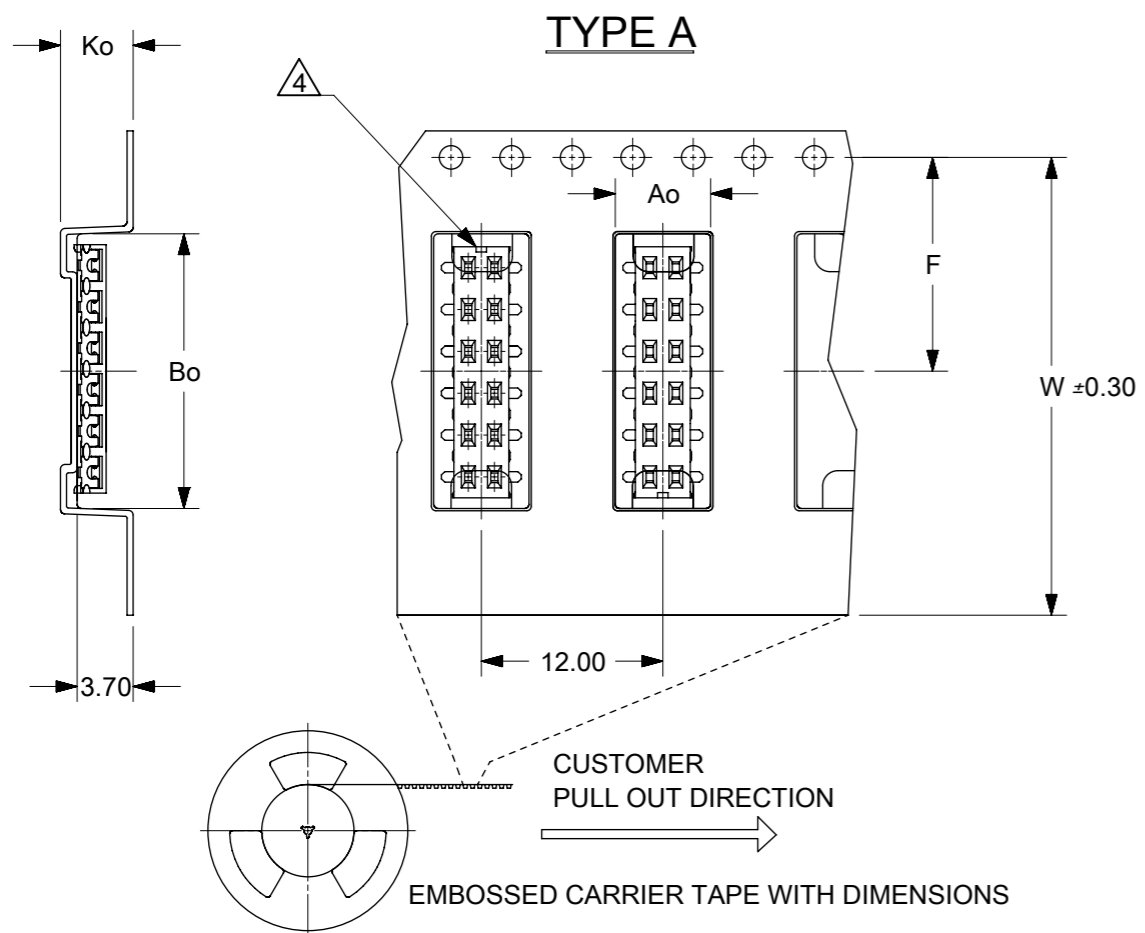
DIMENSION UNITS	SCALE	CURRENT REV DESC: MIGRATED TO ECTR	
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	± 0.2	±	
1 PLACE	±	±	
0 PLACES	±	±	
ANGULAR TOL	± 3.0°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A3-SIZE
		SERIES	87340
		MATERIAL NUMBER	SEE TABLE
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER	1 OF 3

EC NO: 172635
 DRWN: RMV02 2018/02/20
 CHK'D: CD 2018/05/25
 APPR: GGA 2018/05/30

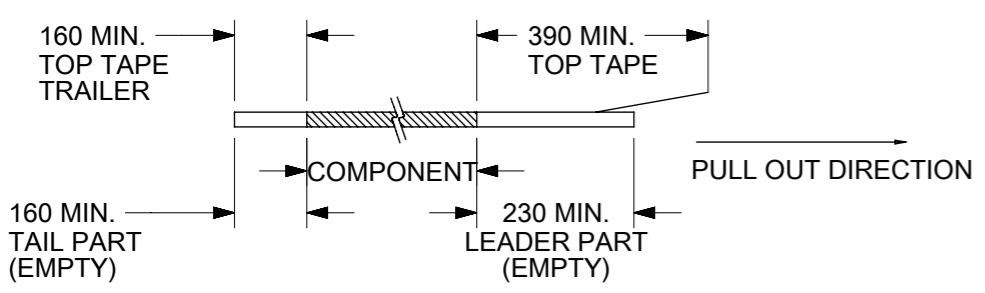
INITIAL REVISION:
 DRWN: JKACHLI 1991/07/02
 APPR: MLONG 2009/11/24

DOCUMENT NUMBER: SD-87340-XX01
 DOC TYPE: PSD
 DOC PART: 001
 REVISION: L9

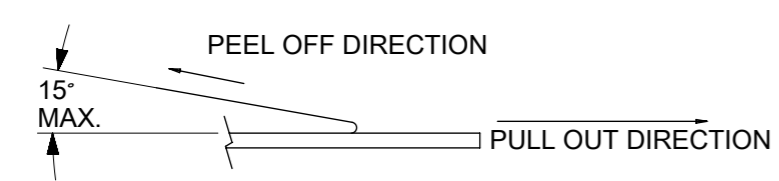
PRODUCT CUSTOMER DRAWING



NOTES:
1. LEADER AND TRAILER TAPE



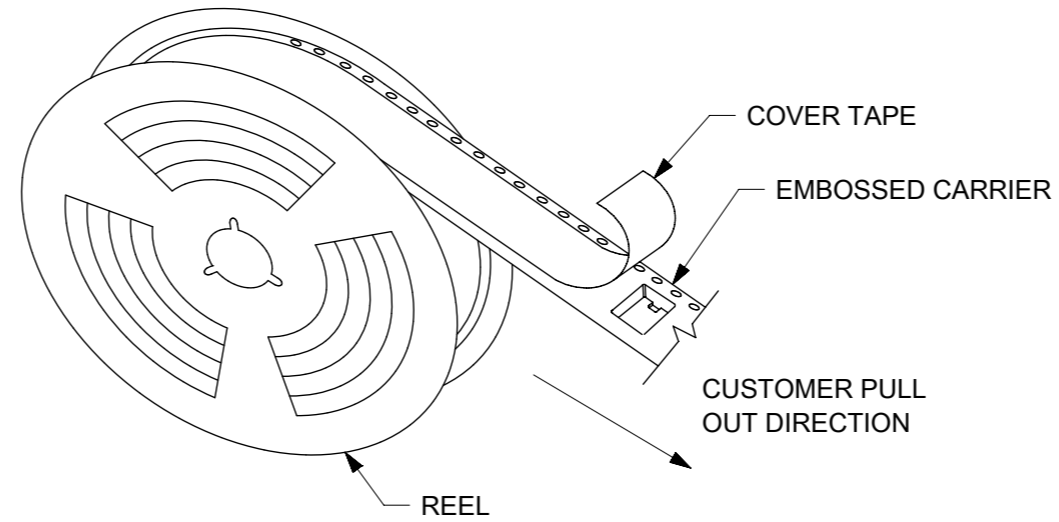
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



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						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				DOCUMENT NUMBER				
1 PLACE		±		INITIAL REVISION:				SD-87340-XX01		DOC TYPE	DOC PART	REVISION
0 PLACES		±		DRWN: JKACHLI		1991/07/02		PSD	001	L9		
ANGULAR TOL		± 3.0°		APPR: MLONG		2009/11/24		SEE TABLE	GENERAL MARKET		SHEET NUMBER	2 OF 3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						A3-SIZE	87340	SEE TABLE	GENERAL MARKET		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		MGRID		VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	
		MM	INCH	DRWN: RMV02		2018/02/20			
4 PLACES		±	±	CHK'D: CD		2018/05/25			
3 PLACES		±	±	APPR: GGA		2018/05/30		PRODUCT CUSTOMER DRAWING	
2 PLACES		± 0.2	±	INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE		±	±	DRWN: JKACHLI		1991/07/02		SD-87340-XX01	
0 PLACES		±	±	APPR: MLONG		2009/11/24		PSD 001 L9	
ANGULAR TOL		± 3.0°		THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		87340		MATERIAL NUMBER	
				SEE TABLE		CUSTOMER		SHEET NUMBER	
				GENERAL MARKET				3 OF 3	

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