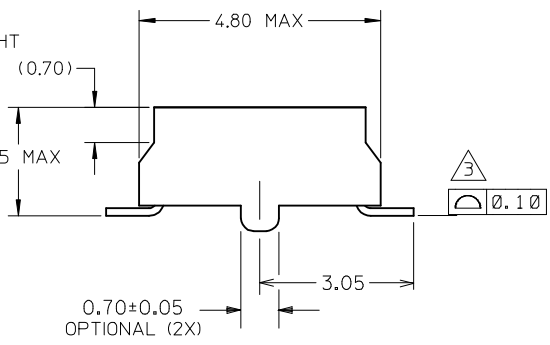
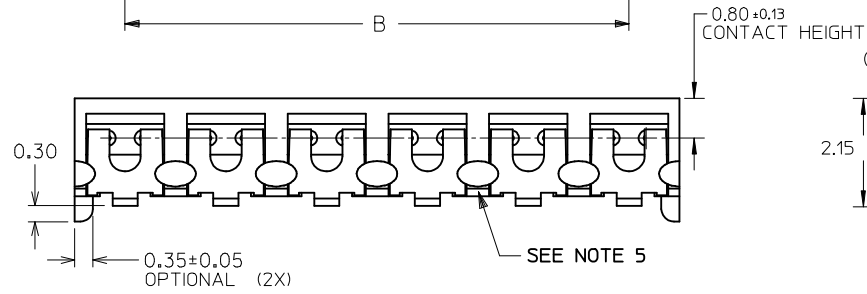
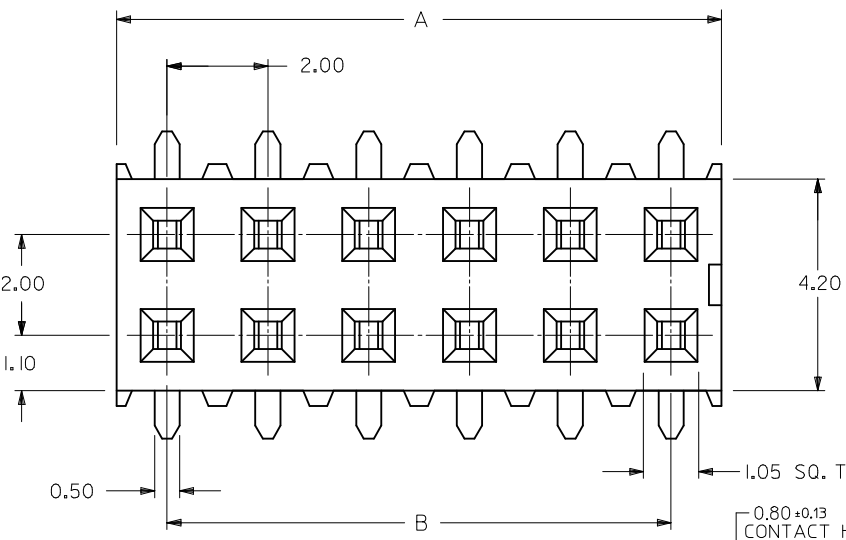


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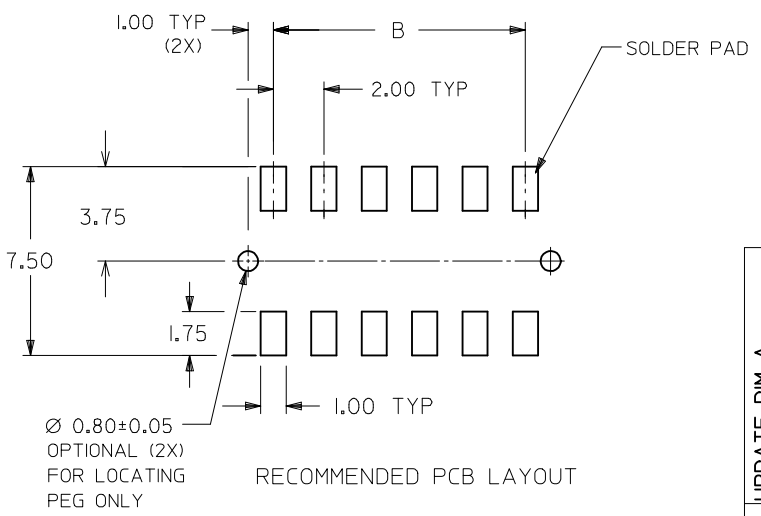
PART NO. IN TUBE	CKT. SIZE	DIM. B	DIM. A
87340-04**	4	2.00	4.00
87340-06**	6	4.00	6.00
87340-08**	8	6.00	8.00
87340-10**	10	8.00	10.00
87340-12**	12	10.00	12.00
87340-14**	14	12.00	14.00
87340-16**	16	14.00	16.00
87340-18**	18	16.00	18.00
87340-20**	20	18.00	20.00

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.



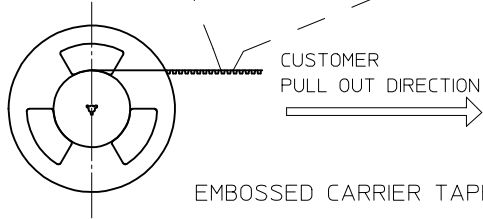
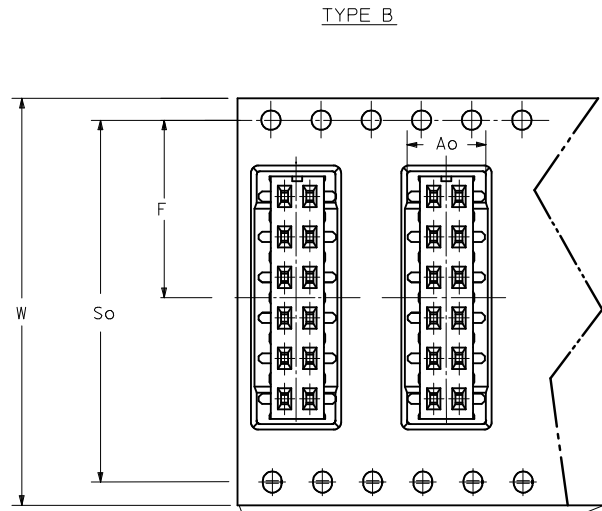
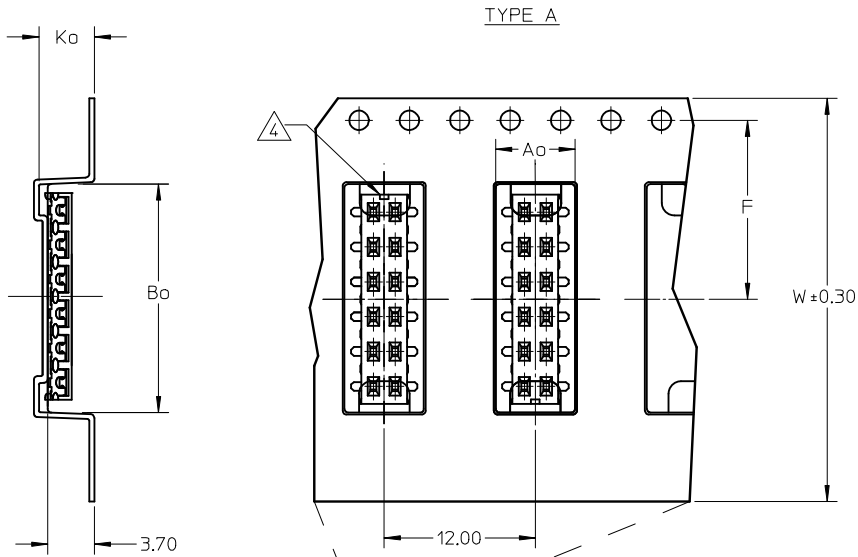
PART NO. LEGEND

87340 - * * * *
 CIRCUIT SIZE PACKAGING & PLATING 2
 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)

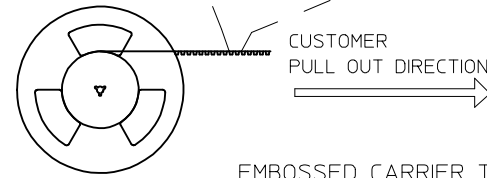


UPDATE DIM A EC NO: S2015-0625 DRW:ATSEE CHKD:CGOH APPR:KLLIM 2014/12/05 2014/12/18 2015/01/08	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY	DATE	TITLE				
		4 PLACES ± ---	± ---	JKACHL I	1991/07/02	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT				
		3 PLACES ± ---	± ---	CHECKED BY	DATE					
2 PLACES ± 0.20	± ---	JNG	1991/07/09	MOLEX INCORPORATED						
1 PLACE ± ---	± ---	APPROVED BY	DATE							
ANGULAR ± 3 °		MLONG	2009/11/24	MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87340-**-01		SHEET NO. 1 OF 3				
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



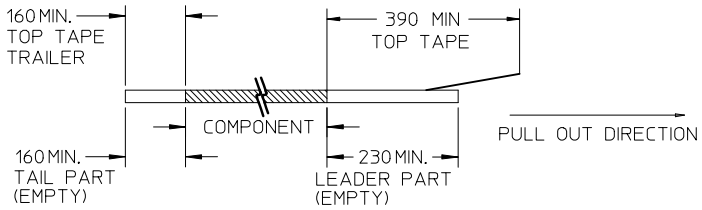
EMBOSSED CARRIER TAPE WITH DIMENSIONS



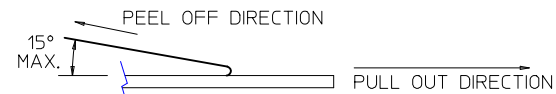
EMBOSSED CARRIER TAPE WITH DIMENSIONS

NOTES:

1. LEADER AND TRAILER TAPE



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



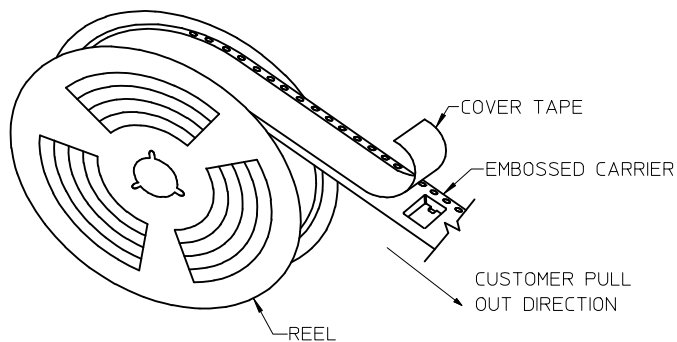
3. PACKAGING STANDARD IS AS PER EIA-481.

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

5. TAPE & REEL QUANTITY : TBA

REMOVE DIM A MAX. EC NO: S2015-0625 DR:WATSEE 2014/12/05 CHKD:CGOH 2014/12/18 APPR:KHLIM 2015/01/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$ $F_G=0$ $F_P=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
	DESCRIPTION	DRAWN BY	DATE	TITLE		
		JKACHL I	1991/07/02	MGRID		
		CHECKED BY	DATE	VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT		
		JNG	1991/07/09	MOLEX INCORPORATED		
		APPROVED BY	DATE	MATERIAL NO.		
		MLONG	2009/11/24	DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NO.
				SD-87340-**-01		2 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PART NO. IN TUBE	PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko	So
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

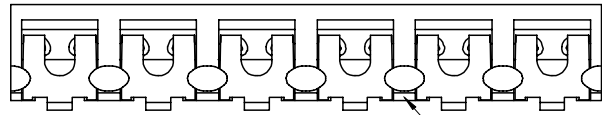
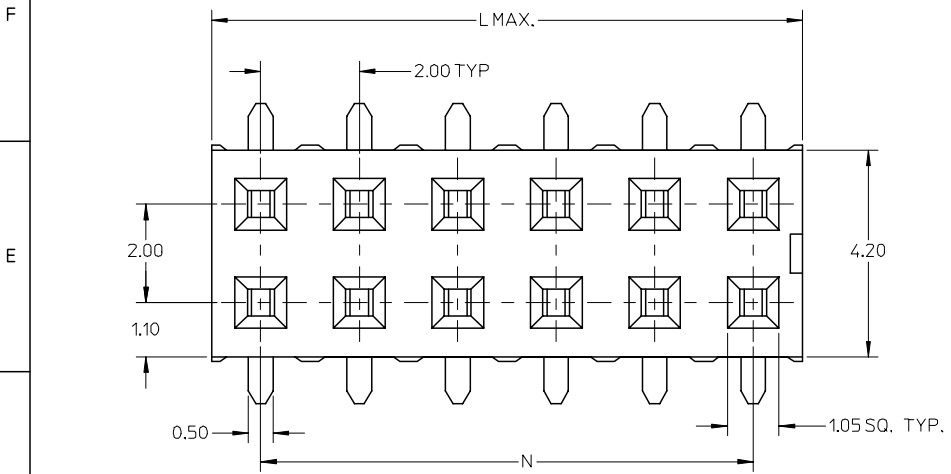


TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.

SEE SHT 1 EC NO: S2015-0625 L7 DRWN:ATSEE CHKD:CGOH APPR:KHLIM 2014/12/05 2014/12/18 2015/01/08	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <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	± ---	± ---	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± ---	± ---																		
	3 PLACES	± ---	± ---																		
2 PLACES	± 0.20	± ---																			
1 PLACE	± ---	± ---																			
DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY JKACHL I	DATE 1991/07/02	TITLE MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT																	
REV	MATERIAL NO. MLONG	CHECKED BY JNG	DATE 1991/07/09	MOLEX INCORPORATED																	
APPR:KHLIM	ANGULAR ± 3 °	APPROVED BY MLONG	DATE 2009/11/24	DOCUMENT NO. SD-87340-**01	SHEET NO. 3 OF 3																

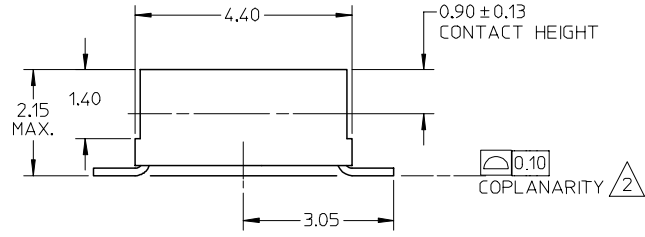
10 9 8 7 6 5 4 3 2 1

PART NO. IN TUBE (REF ONLY) (SEE DRAWING SD-87340-**01)	PART NO. IN TAPE/REEL	CKT. SIZE	DIM. N	DIM. L
87340-1213	87340-1233	12	10.00	12.00



NOTES:

1. 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES IN TAPE & REEL.
2. PLATING FINISH :
0.76um/30uin MIN. GOLD IN CONTACT AREA
1.27um/50uin MIN. TIN IN SOLDER TAIL AREA
BOTH OVER 1.90um/75uin 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.

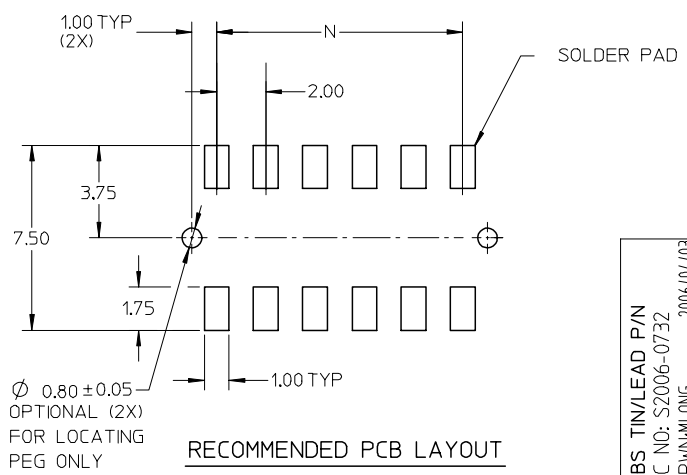


PART NO. LEGEND

87340 - * * * 3

CIRCUIT SIZE

3 - WITHOUT LOCATING PEGS IN TAPE AND REEL



OBS TIN/LEAD P/N	EC NO: S2006-0732	2006/04/03
	DRWN:MLONG	2006/04/04
REV	CHKD:NAGESHKN	2006/04/04
	APPR:PTLIM	2006/04/05

QUALITY SYMBOLS	▽=0
	▽=0

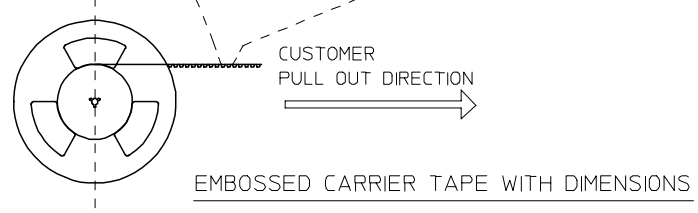
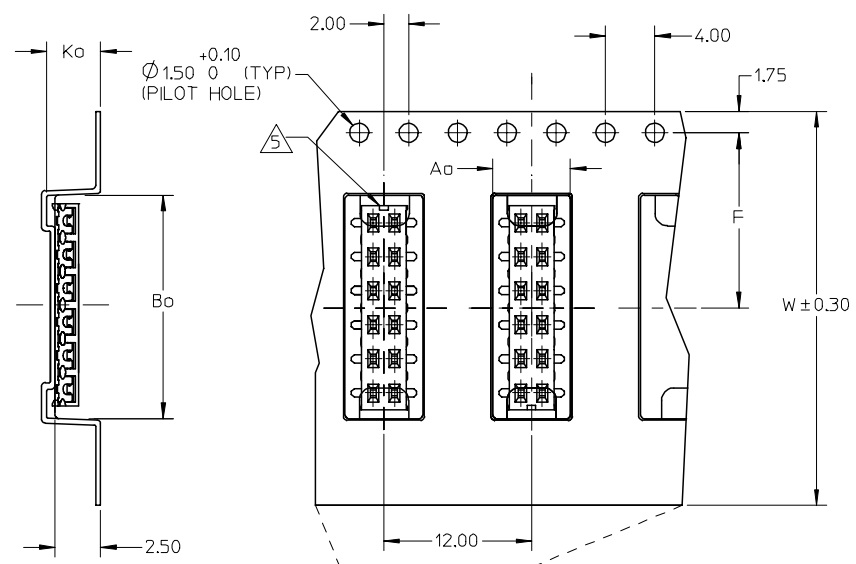
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
	4 PLACES ± ---	± ---
	3 PLACES ± ---	± ---
	2 PLACES ± 0.20	± ---
	1 PLACE ± ---	± ---
	ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		NTS	METRIC	
DRAWN BY	DATE	TITLE		
EP0H	1993/10/07	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT		
CHECKED BY	DATE			
EDPOH	1993/10/18	MOLEX INCORPORATED		
APPROVED BY	DATE			
RWONG	1993/10/18	MATERIAL NO. DOCUMENT NO. SHEET NO.		
SEE TABLE				

DRAWN BY		DATE	TITLE	
EP0H		1993/10/07	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	
CHECKED BY		DATE		
EDPOH		1993/10/18	MOLEX INCORPORATED	
APPROVED BY		DATE		
RWONG		1993/10/18	MATERIAL NO. DOCUMENT NO. SHEET NO.	
SEE TABLE		SD-87340-**3*		

9 8 7 6 5 4 3 2 1

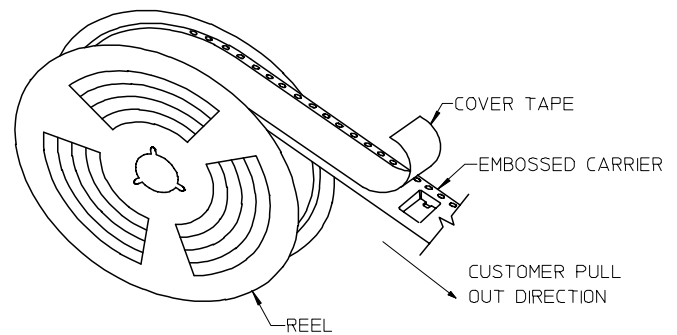
PART NO. TAPE/REEL	CKT SIZE	Ao	Bo	F	W	Ko
87340-1233	12	6.65	12.50	11.50	24.00	2.95



NOTES:

- LEADER AND TRAILER TAPE
- PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
 (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)
- PACKAGING STANDARD IS AS PER EIA-481.
- TAPE & REEL QUANTITY = 1500 PCS/REEL
- NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.

TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.



OBS TIN/LEAD P/N EC NO: S2006-0732 DRWN:MLONG 2006/04/03 CHKD:NGESHKN 2006/04/04 APPR:PTLIM 2006/04/05	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																													
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <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> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	<table border="1"> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> <tr> <td>EP0H</td> <td>1993/10/07</td> <td rowspan="2">MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>EDPOH</td> <td>1993/10/18</td> <td rowspan="2">MOLEX INCORPORATED</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>RWONG</td> <td>1993/10/18</td> <td></td> </tr> </table>	DRAWN BY	DATE	TITLE	EP0H	1993/10/07	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT	CHECKED BY	DATE	EDPOH	1993/10/18	MOLEX INCORPORATED	APPROVED BY	DATE	RWONG	1993/10/18		MATERIAL NO. SEE TABLE
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