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Part Number: [0873401623](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount (Very Low Profile), Top Entry, with Locating Pegs, 0.76µm (30µ") Gold (Au) Plating, 16 Circuits, Lead-free, Tube

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-87340 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [87340](#)
Application Board-to-Board
Product Literature Order No 987650-1991
Product Name Milli-Grid™

Physical

Circuits (Loaded) 16
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention None
PCB Thickness Recommended (mm) 0.80 mm
Packaging Type Tube
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.76
Plating min: Termination (µin) 76
Plating min: Termination (µm) 1.9
Polarized to Mating Part No
Polarized to PCB No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 125V

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)
Process Temperature max. C 260

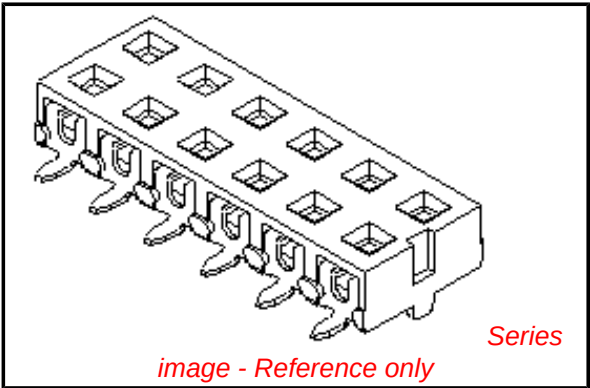


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[87340Series](#)

Mates With

[87759](#) Vertical, Surface Mount, Stackable
PCB Headers, [87760](#) Right Angle, Through
Hole, Stackable PCB Headers, [87758](#)
Vertical, Through Hole, Stackable PCB
Headers

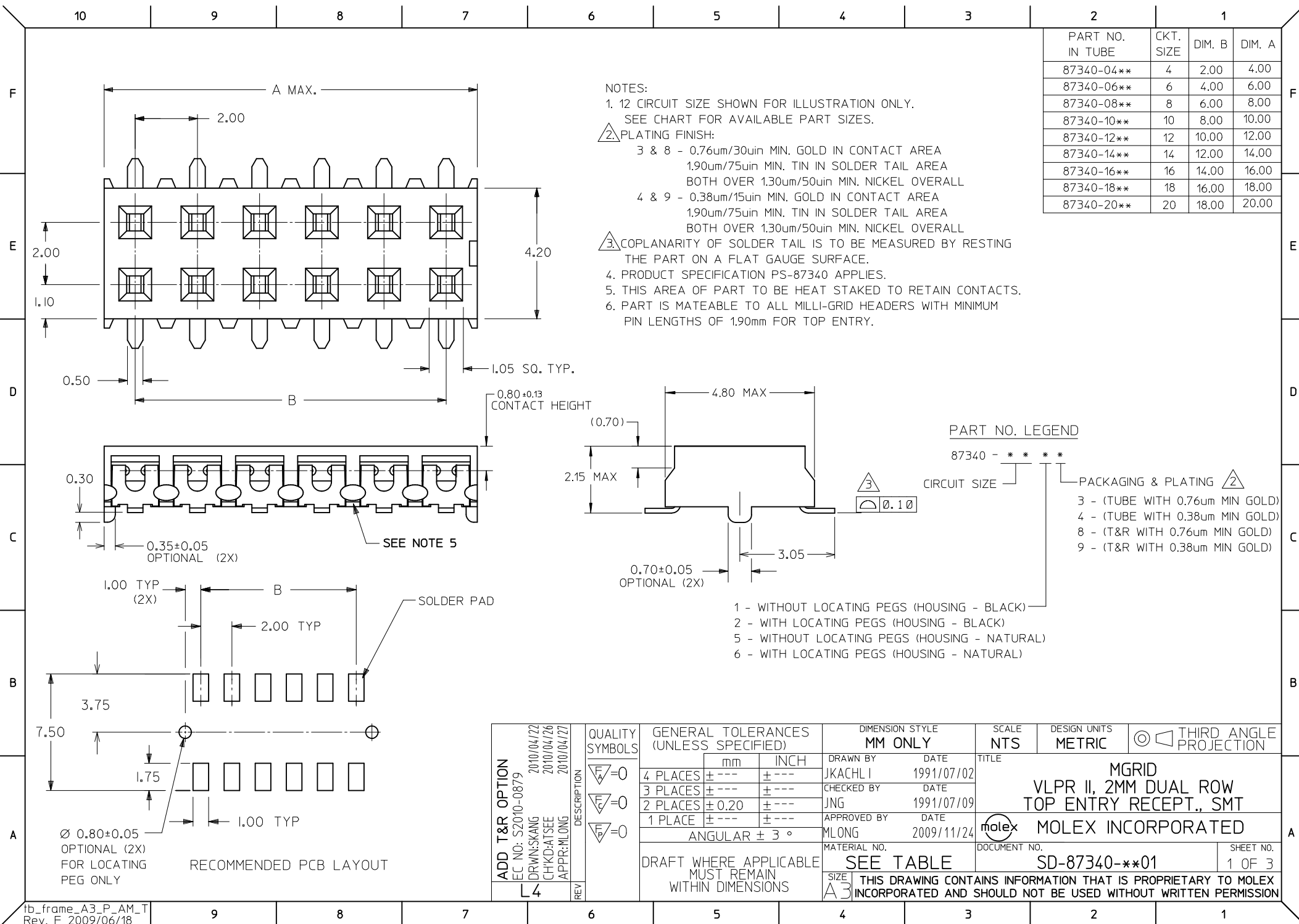
Material Info

Reference - Drawing Numbers

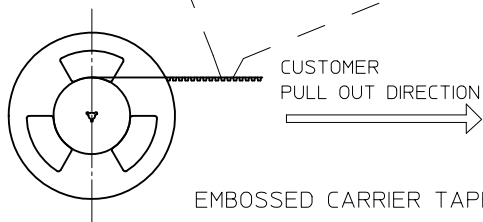
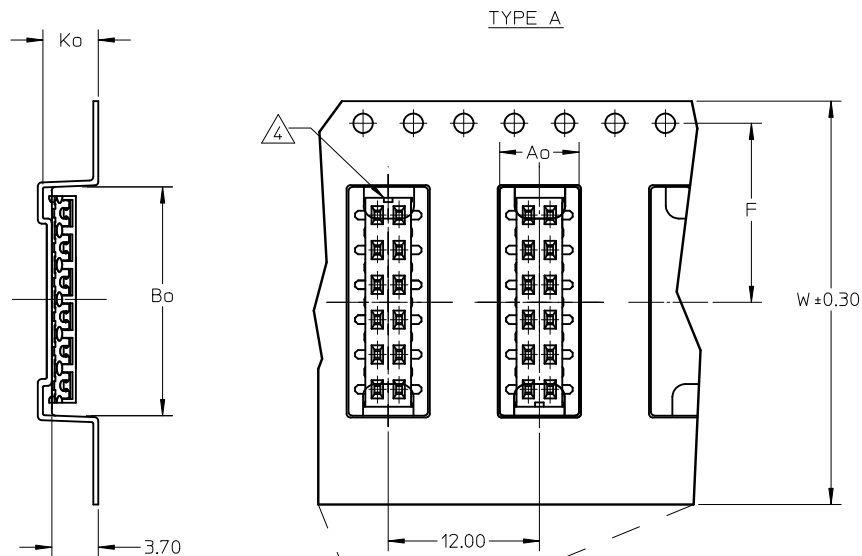
Product Specification	PS-87340
Sales Drawing	SD-87340-**01

This document was generated on 05/03/2010

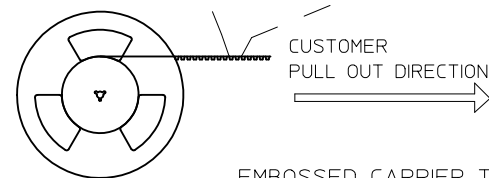
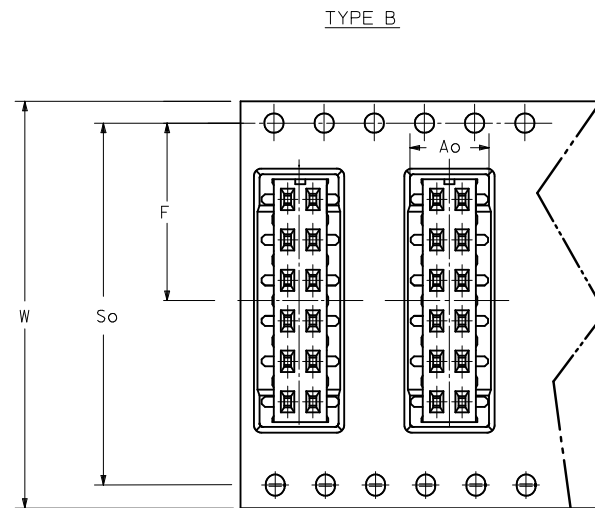
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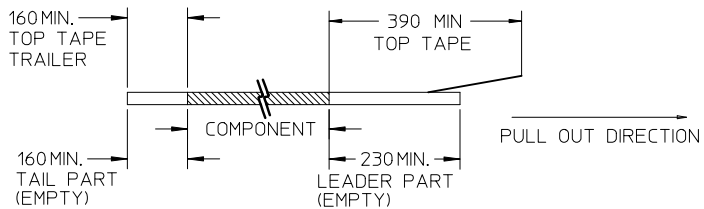
EMBOSSD CARRIER TAPE WITH DIMENSIONS



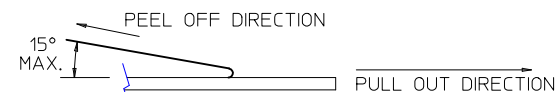
EMBOSSD CARRIER TAPE WITH DIMENSIONS

NOTES:

1. LEADER AND TRAILER TAPE



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



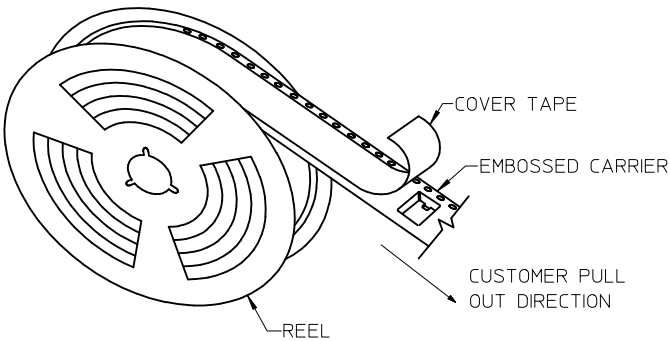
3. PACKAGING STANDARD IS AS PER EIA-481.

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

5. TAPE & REEL QUANTITY : TBA

ADD T&R OPTION EC NO: S2010-0879 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2010/04/22 2010/04/26 2010/04/27	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY JKACHL I	DATE 1991/07/02	TITLE MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT		
				4 PLACES	± ---	± ---	CHECKED BY JNG	DATE 1991/07/09			
				3 PLACES	± ---	± ---					
				2 PLACES	± 0.20	± ---	APPROVED BY MLONG	DATE 2009/11/24	MOLEX INCORPORATED		
				1 PLACE	± ---	± ---	ANGULAR ± 3 °		DOCUMENT NO. SD-87340-**-01		SHEET NO. 2 OF 3
L4	REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

		10	9	8	7	6	5	4	3	2		1				
F								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.

A	ADD T&R OPTION EC NO: S2010-0879 DRWN:SKANG CHKD:ATSEE APPR:MLONG L4	DESCRIPTION 2010/04/22 2010/04/26 2010/04/27 REV	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	$\pm$ ---	$\pm$ ---	JKACHL I	1991/07/02			
				3 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY	DATE	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT		
				2 PLACES	$\pm$ 0.20	$\pm$ ---	JNG	1991/07/09			
				1 PLACE	$\pm$ ---	$\pm$ ---	APPROVED BY	DATE	MOLEX INCORPORATED		
				ANGULAR $\pm$ 3 °		MLONG	2009/11/24				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
						SEE TABLE		SD-87340-**-01			3 OF 3
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								