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Part Number: [0873400613](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount (Very Low Profile), Top Entry, without Locating Peg, 0.76µm (30µ") Gold (Au) Plating, 6 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

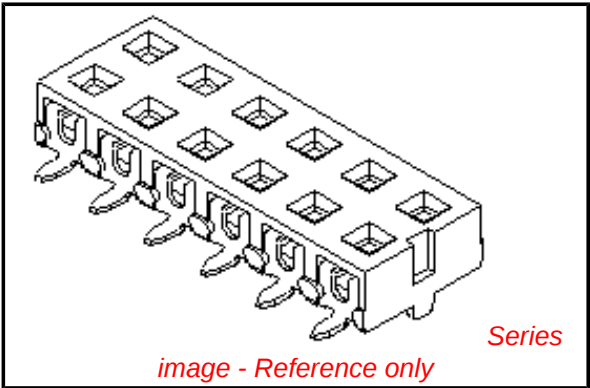
Circuits (Loaded) 6
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
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

Duration at Max. Process Temperature (seconds) 14
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 1



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



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.

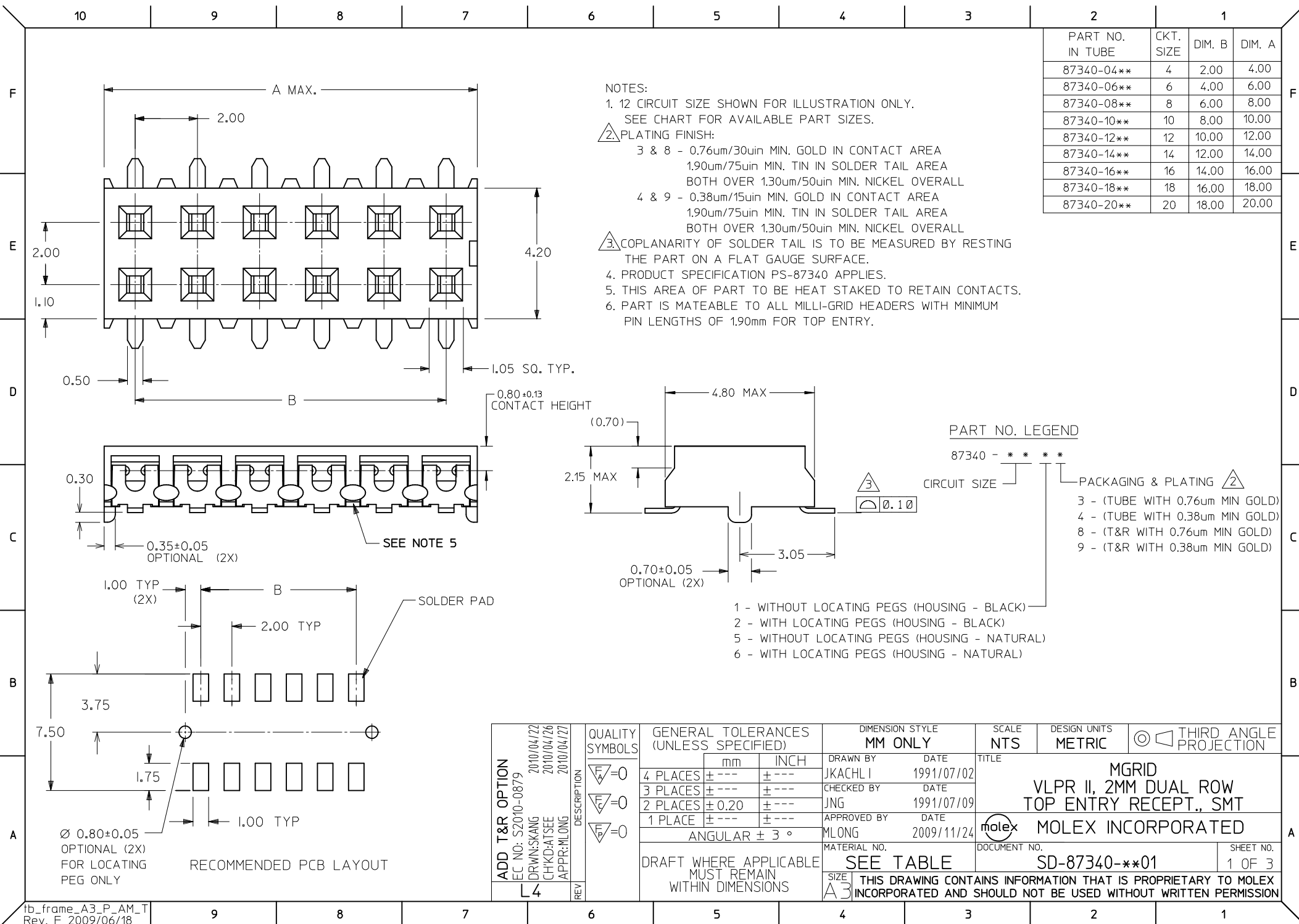
Search Parts in this Series
[87340Series](#)

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

Process Temperature max. C	265
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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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

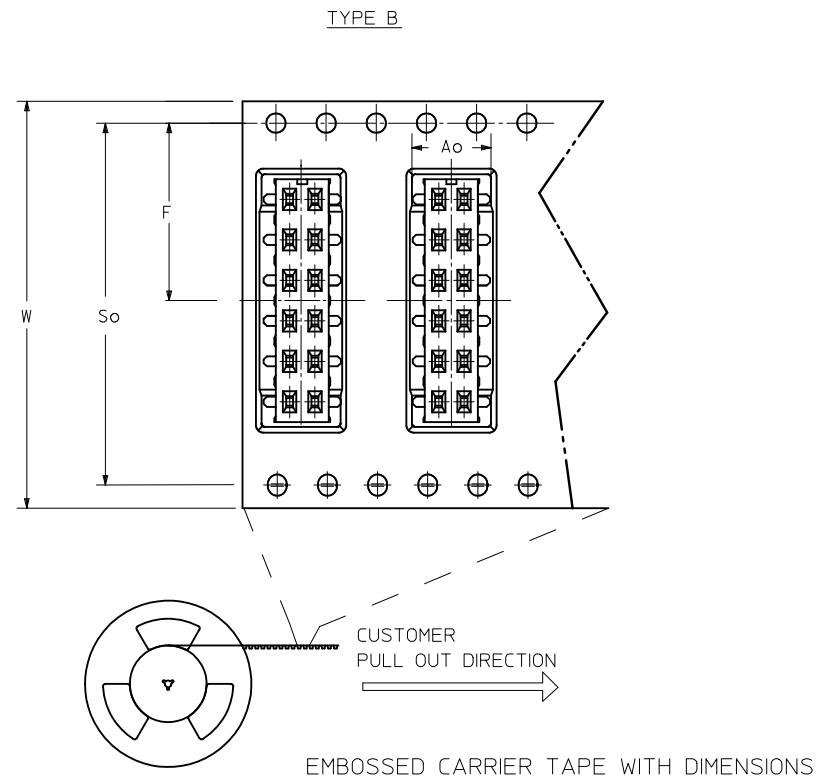
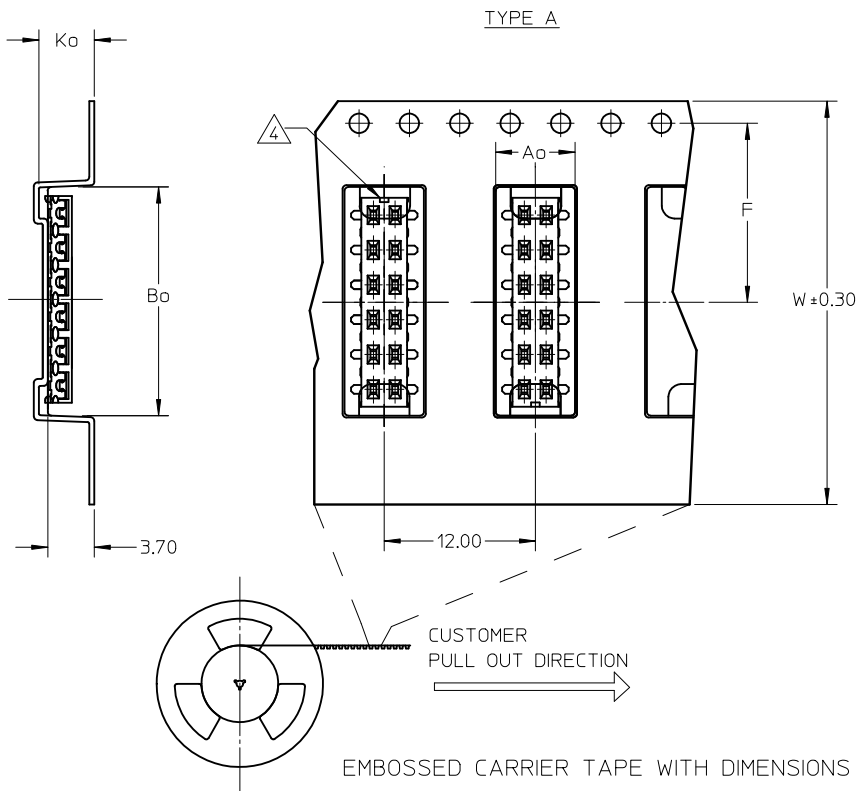
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D

C

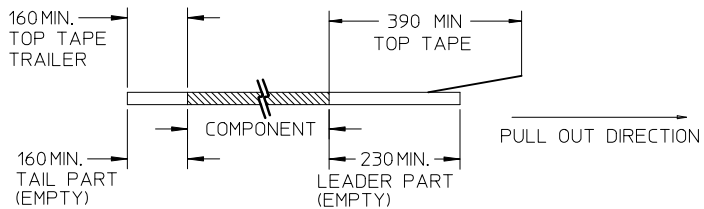
B

A

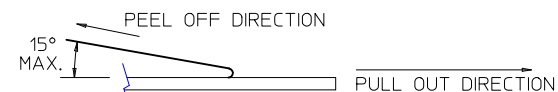


NOTES:

1. LEADER AND TRAILER TAPE



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



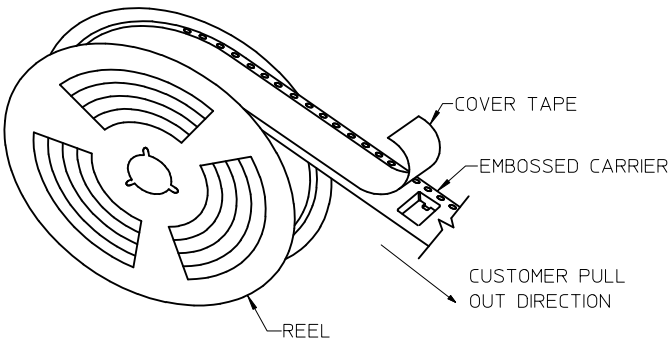
3. PACKAGING STANDARD IS AS PER EIA-481.

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 	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	± ---	± ---	APPROVED BY MLONG							DATE 2009/11/24	
				2 PLACES	± 0.20	± ---	MOLEX MOLEX INCORPORATED								
				1 PLACE	± ---	± ---	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-87340-**-01				2 OF 3	
								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
REV L4															

		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	2010/04/22 2010/04/26 2010/04/27	DESCRIPTION REV	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	MGRID VLPR II, 2MM DUAL ROW TOP ENTRY RECEPT., SMT MOLEX MOLEX INCORPORATED	SHEET NO. 3 OF 3	
						mm	INCH	DRAWN BY JKACHL I	DATE 1991/07/02	TITLE				
					4 PLACES	± ---	± ---	CHECKED BY JNG	DATE 1991/07/09					
					3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2009/11/24					
					2 PLACES	± 0.20	± ---							
					1 PLACE	± ---	± ---							
					ANGULAR ± 3 °									
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						