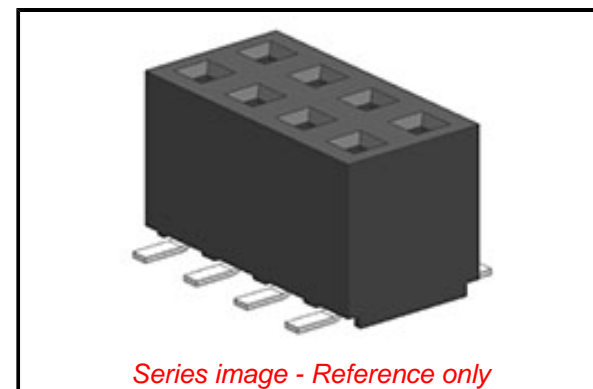


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0873400613](#)  
**Status:** **Active**  
**Overview:** Milli-Grid Connector System  
**Description:** 2.00mm Pitch Milli-Grid Receptacle, Surface Mount (Very Low Profile), Top Entry, without Locating Peg, 0.76µm Gold (Au) Plating, 6 Circuits, Lead-Free, Tube, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-87264-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Brochure (PDF)</a>
<a href="#">Product Specification PS-87340-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 503940001-AS-000 (PDF)</a>	



Series image - Reference only

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">87340</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Milli-Grid Connector System</a>
Product Name	Milli-Grid
UPC	822348472970

**Physical**

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.078/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	014
Lead-free Process Capability	REFLOW

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)  
Dipentyl phthalate  
bis(2-(2-  
methoxyethoxy)ethyl)  
ether  
Benzo(ghi)perylene  
Octanoic acid,  
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-  
pen  
Dodecamethylcyclohexasiloxane  
Decamethylcyclopentasiloxane  
Octamethylcyclotetrasiloxane  
1,2-diethoxyethane  
Dibutyltin-dichloride  
1,3-Propanesultone  
C.I. Direct Black 38  
Ammonium-  
pentadecafluorooctanoate  
2,4-Di-tert-butyl-6-(5-  
chlorobenzotriazol-2-  
yl)p  
Disodium-octaborate  
Dibutylbis(pentane-2,4-  
dionato-O,O')tin  
2-(2H-Benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
Terphenyl,  
hydrogenated  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dipentyl ester, br

**China RoHS**

Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 265

### Material Info

### Reference - Drawing Numbers

Application Specification 503940001-AS-000  
Packaging Specification PK-87264-0001-001  
Product Specification PS-87340-001  
Sales Drawing SD-87340-XX01-001

n-pentyl-  
isopentylphthalate  
Boric acid  
Aluminosilicate  
Refractory Ceramic  
Fibres  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Fluoranthene  
Pyrene  
Dioctyltin dilaurate,  
stannane, dioctyl-,  
bis(co  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Lead chromate  
Tris(2-chloroethyl)  
phosphate  
Boric acid, disodium  
salt, hydrate  
Strontium-chromate  
1,2-  
Benzenedicarboxylic  
acid, di-C7-11-  
branched  
bis(2-methoxyethyl)  
ether  
1,2-  
Benzenedicarboxylic  
acid, bis(2-  
methoxyethyl  
1,2-Dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
Decabromodiphenylether  
Cadmium-oxide  
Cadmium-sulphide  
Lead  
Cadmium  
pyrochlore, antimony  
lead yellow  
Lead-dinitrate  
Lead oxide sulfate  
(Pb2O(SO4))  
Lead-titanium-trioxide

Pentalead-tetraoxide-sulphate  
Trilead-dioxide-phosphonate  
Tetralead-trioxide-sulphate  
Dioxobis(stearato)trilead  
Lead titanium zirconium oxide  
Cyanamide, lead(2+) salt (1:1)  
Cadmium Hydroxide  
Sulfurous Acid, Lead Salt, Dibasic  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), barium salt (1:1), lead-  
[Phthalato(2-)]dioxotrilead  
Fatty Acids, C16-18,  
Lead Salts  
N,N-Dimethylformamide  
Dicyclohexyl-phthalate  
Dihexyl-phthalate  
Phenanthrene  
Imidazolidine-2-thione

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[87340](#) Series

**Mates With**

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

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