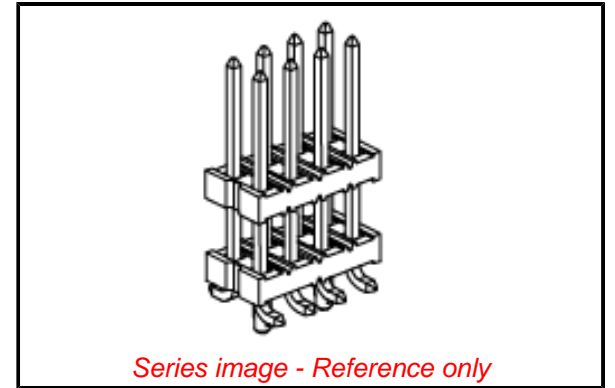


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Part Number: [0877620024](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: Milli-Grid Header, Dual Row Dual Body, Surface Mount, Vertical, 12 Circuits, 0.38µm Gold (Au) Selective Plating, 12.70mm Stacking Height, with Pegs, without Cap, Tube Packaging, Lead-Free

Documents:

Drawing (PDF)	Packaging Specification PK-89990-476-001 (PDF)
Product Specification PS-87761-100-001 (PDF)	Packaging Specification PK-89990-484-001 (PDF)
Application Specification 503940001-AS-000 (PDF)	Packaging Specification PK-89990-485-001 (PDF)
Packaging Specification PK-151033-0001-001 (PDF)	Packaging Specification PK-89990-487-001 (PDF)
Packaging Specification PK-87858-300-000 (PDF)	Test Summary 877610000-TS-000 (PDF)
Packaging Specification PK-89990-475-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	PCB Headers
Series	87762
Application	Board-to-Board, Signal
Overview	<u>Milli-Grid Connector System</u>
Product Name	Dual Body, Milli-Grid
UPC	822348532971

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	6.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.629/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
di-n-pentyl phthalate
(DPP)
perfluorooctanoic acid
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
1,3-propanesultone
ammoniumpentadecafluorooctanoate
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
diisohexyl phthalate
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
n-pentyl-
isopentylphthalate
Boric acid
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene

China RoHS

Current - Maximum per Contact 2.0A
Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 010
Lead-free Process Capability REFLOW
Max. Cycles at Max. Process Temperature 003
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Application Specification 503940001-AS-000
Packaging Specification PK-151033-0001-001, PK-87858-300-000,
PK-89990-475-001, PK-89990-476-001,
PK-89990-484-001, PK-89990-485-001,
PK-89990-487-001
Product Specification PS-87761-100-001
Sales Drawing SD-87762-175-001
Test Summary 877610000-TS-000

Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
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 sulfochromate
yellow
strontium chromate
bis(2-methoxyethyl)
ether
pentazinc chromate
octahydroxide
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
cadmium
lead dinitrate
lead oxide sulfate
pentalead tetraoxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
[phthalato(2-)]dioxotrilead
benzo[a]pyrene
4-aminoazobenzene
dihexyl phthalate
(DnHP)
ethylene thiourea

Halogen-Free

Status

Not 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

[87762](#) Series

Mates With

[79107](#) Board-to-Board Top Entry Through Hole Receptacle, [79108](#) Board-to-Board FFC/FPC Top Entry Through Hole Receptacle, [79109](#) Board-to-Board Top/

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