

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0791091208

Status:

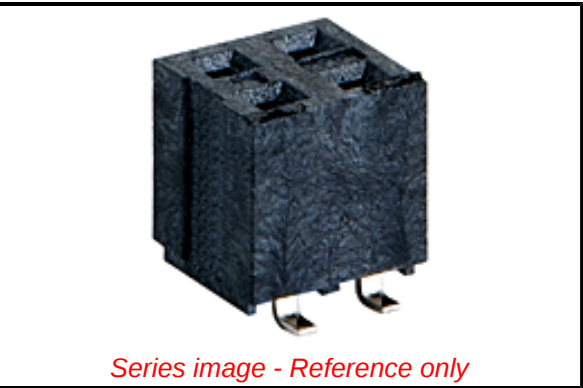
Active

Overview:

Milli-Grid Connector System

Description:

Milli-Grid Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, without Cap, Tube, 0.38µm Gold (Au) Selective, 18 Circuits, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification 503940001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0217-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-0259-001 (PDF)
Product Specification PS-79107-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	79109
Application	Board-to-Board, Signal
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	822348491346
Physical	
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.492/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
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)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

EU ELV	
Not Relevant	
EU RoHS	China 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	
Dodecamethylcyclhexasiloxane	
Decamethylcyclpentasiloxane	
Octamethylcycltetrasiloxane	
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	

Material Info

Reference - Drawing Numbers

Application Specification	503940001-AS-000
Packaging Specification	PK-70873-0217-001, PK-70873-0259-001
Product Specification	PS-79107-001
Sales Drawing	SDA-79109-XXXX-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 (H2Si2O5), 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
[79109](#) Series

Mates With
Milli-Grid Header [87833](#) , [87832](#) , [87831](#) , [87758](#) , [87759](#) , [87760](#)
 Milli-Grid Low-Halogen Header [151117](#) , [151118](#) , [151119](#) , [151120](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[79109-1208](#)