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Part Number: [0901512208](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid III PC Board Connector, Dual Row, Vertical, 8 Circuits, Gold (Au) Plating

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-90151-001-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

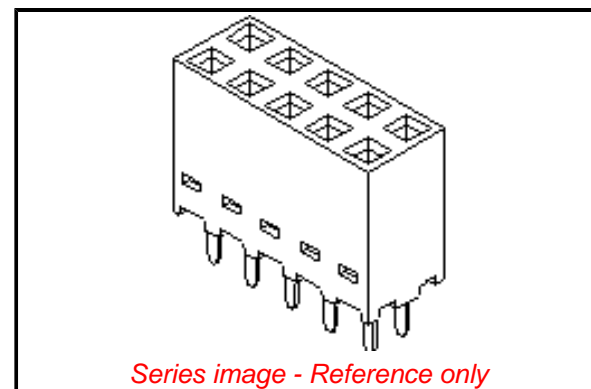
Product Family	PCB Receptacles
Series	90151
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800753670129

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94HB
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.679/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm, 1.70mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	3.048µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No



Series image - Reference only

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
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

China RoHS

Voltage - Maximum	350V
Solder Process Data	
Lead-free Process Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Application Specification	713080001-AS-000, 901190001-AS-000
Packaging Specification	PK-90151-001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90151-001

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

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

[90151](#) Series

Mates With

0.64mm square pins

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