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Part Number: [0901522140](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid III PC Board Connector, Dual Row, Right-Angle, Straight PCB Pins 1.00µm Tin (Sn), 40 Circuits

Documents:

3D Model	Application Specification 901190001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-90152-001-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980

General

Product Family	PCB Receptacles
Series	90152
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid III
UPC	800753674042

Physical

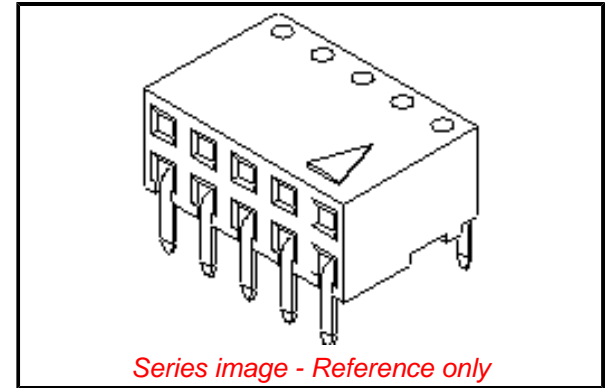
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	4.396/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	350V

Solder Process Data

Lead-freeProcess Capability WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Terphenyl,
hydrogenated
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol
Dibutylbis(pentane-2,4-
dionato-O,O')tin
Disodium-octaborate
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
Ammonium-
pentadecafluorooctanoate
C.I. Direct Black 38
1,3-Propanesultone
Dibutyltin-dichloride
1,2-diethoxyethane
Octamethylcyclotetrasiloxane
Decamethylcyclopentasiloxane
Dodecamethylcyclohexasiloxane
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Benzo(ghi)perylene
bis(2-(2-
methoxyethoxy)ethyl)
ether
Dipentyl phthalate
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride

China RoHS

Material Info

Reference - Drawing Numbers

Application Specification	901190001-AS-000
Packaging Specification	PK-90152-001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90152-001

Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
Pyrene
Fluoranthene
Perfluorobutane
sulfonic acid (PFBS)
and its sal
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Boric acid
n-pentyl-
isopentylphthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Lead oxide sulfate
(Pb₂O(SO₄))
Lead-dinitrate
pyrochlore, antimony
lead yellow
Cadmium
Lead
Cadmium-sulphide
Cadmium-oxide
Decabromodiphenylether
1,2-bis(2-
methoxyethoxy)ethane
1,2-Dimethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(2-
methoxyethyl
bis(2-methoxyethyl)
ether
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched
Strontium-chromate
Boric acid, disodium
salt, hydrate
Tris(2-chloroethyl)
phosphate
Lead chromate
Imidazolidine-2-thione

Phenanthrene
Dihexyl-phthalate
Dicyclohexyl-
phthalate
N,N-
Dimethylformamide
Fatty Acids, C16-18,
Lead Salts
[Phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous Acid, Lead
Salt, Dibasic
Cadmium Hydroxide
Cyanamide, lead(2+)
salt (1:1)
Lead titanium
zirconium oxide
Dioxobis(stearato)trilead
Tetralead-trioxide-
sulphate
Trilead-dioxide-
phosphonate
Pentalead-tetraoxide-
sulphate
Lead-titanium-trioxide

**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

[90152](#) Series

Mates With

[90122](#) , [90131](#)

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