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Part Number: **0901522130**
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), 30 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

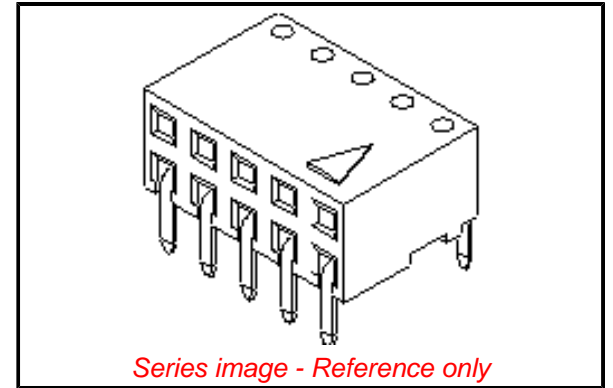
Product Family	PCB Receptacles
Series	90152
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid III
UPC	800753674165

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	30
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	3.298/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 Mating Part	Yes
Polarized to PCB	No
Stackable	No
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)
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

Voltage - Maximum	350V AC/DC
Solder Process Data	
Lead-free Process Capability	WAVE
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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