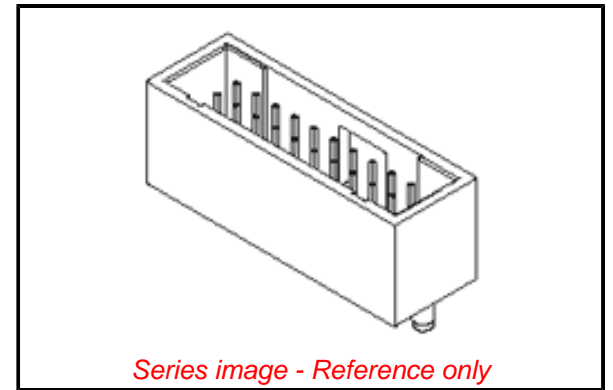


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Part Number: [0713491040](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, Shrouded, 16 Circuits, 0.38µm Gold (Au) Selective Plating, without Press-fit Plastic Pegs

Documents:

3D Model	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0018-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-71349-001-001 (PDF)	



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	71349
Application	Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800753524644

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.296/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact 3.0A

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Phenol, 2-(2H-
benzotriazol-2-yl)-4,6-
bis(1,1-dim
Ammonium-
pentadecafluorooctanoate
1,3-Propanesultone
4,4'-methylenedi-o-
toluidine
1,2-diethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
Disodium 3,3'-[[1,1'-
Biphenyl]-4,4'-
Diylbis(Azo)
Octamethylcyclotetrasiloxane
Dodecamethylcyclohexasiloxane
heptacosafuorotetradecanoic
acid
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8-
pen
tricosafuorododecanoic
acid
Benzo(ghi)perylene
Dipentyl phthalate
nitrobenzene
Imidazolidine-2-thione
o-toluidine
Dinoseb
Phenanthrene
Dihexyl-phthalate
Dicyclohexyl-
phthalate
propylene oxide

China RoHS

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	245
Material Info	
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0018-001
Product Specification	PS-71349-001-001
Sales Drawing	SDA-71349-XXXX-001

N,N-Dimethylformamide
 diethyl sulphate
 4-aminoazobenzene
 1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-t
 Perfluorohexane-1-sulphonic acid and its salts
 Cadmium sulphate
 hexahydro-2-benzofuran-1,3-dione
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
 Dioctyltin dilaurate, stannane, dioctyl-, bis(co
 Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
 Chrysene
 Cadmium nitrate
 Benz[a]anthracene
 Perfluorobutane sulfonic acid (PFBS) and its sal
 Tris(4-nonylphenyl, branched and linear) phosphi
 Nonadecafluorodecanoic acid (PFDA) and its sodiu
 4-Heptylphenol, branched and linear
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
 Acids generated from chromium trioxide and their
 Zirconia
 Aluminosilicate
 Refractory Ceramic Fibr
 Aluminosilicate
 Refractory Ceramic Fibres
 Boric acid
 n-pentyl-isopentylphthalate
 diisohexyl phthalate
 Terphenyl, hydrogenated
 2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol
 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,
 Disodium-octaborate

2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Lead-dipicrate
Potassium
hydroxyoctaoxidizincatedichromate
bis(2-methoxyethyl)
ether
1,2-
Benzenedicarboxylic
acid, di-C₆-8-
branched a
1,2,3-
Trichloropropane
Strontium-chromate
2-Ethoxyethyl acetate
2-Ethoxyethanol
Boric acid, disodium
salt, hydrate
Sodium-chromate
Acrylamide
Tris(2-chloroethyl)
phosphate
Pitch, coal tar, high-
temp.
Lead chromate
molybdate sulfate red
Anthracene oil,
anthracene-low;
Anthracene Oil F
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil;
Anthracene oil
Arsenic acid
(H₃AsO₄), lead(2+)
salt (1:1)
Bis(tributyltin) oxide
Alkanes, C₁₀-13,
chloro
Di-(2-
ethylhexyl)phthalat
5-tert-Butyl-2,4,6-
trinitro-m-xylene
Cobalt-dichloride
4,4'-
diaminodiphenylmethane
Sulfurous Acid, Lead
Salt, Dibasic
Cadmium Hydroxide
Cyanamide, lead(2+)
salt (1:1)
Borate(1-),
tetrafluoro-, lead (2+)

Lead titanium
zirconium oxide
Lead-titanium-trioxide
Lead oxide sulfate
(Pb₂O(SO₄))
Silicic acid, lead salt
Lead-dinitrate
Cadmium-fluoride
Cadmium
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(
Lead Oxide
Trilead bis(carbonate)
dihydroxide
Lead(II,IV)-oxide
Cadmium-sulphide
Cadmium-oxide
Diboron-trioxide
1,2-bis(2-
methoxyethoxy)ethane
formamide
2,2'-dichloro-4,4'-
methylenedianiline
phenolphthalein
Lead-diazide
1,2-
Benzenedicarboxylic
acid, bis(2-
methoxyethyl
Pentazinc-chromate-
octahydroxide
Trilead-diarsenate

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[71349](#) Series

Mates With

[70013](#) Interim Clip, [70450](#) Version A Crimp Housing, [71850](#) Through-hole Receptacle, [71395](#) SMT Receptacle

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