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Part Number: [0741621014](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Right-Angle, Through Hole, Dual Row, Shrouded, Version B, High-Temperature, 14 Circuits, Tin (Sn)

Documents:

3D Model	Product Specification PS-74162-001-001 (PDF)
3D Model (PDF)	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

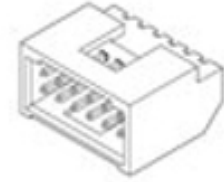
Product Family	PCB Headers
Series	74162
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	883906879761

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Performance Thermoplastic
Net Weight	3.572/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	None
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact 2.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
1,2-diethoxyethane
1-vinylimidazole
1,3-propanesultone
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
ammoniumpentadecafluorooctanoate
2-benzotriazol-2-
yl-4,6-di-tert-
butylphenol
2,4-di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
sodium
peroxometaborate
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
Terphenyl,
hydrogenated
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
dodecamethylcyclohexasiloxane
benzo[a]pyrene
dimethyl sulphate

China RoHS

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Product Specification	PS-74162-001-001
Sales Drawing	SD-74162-001

N-methylacetamide
 p-(1,1-dimethylpropyl)phenol
 dicyclohexyl phthalate
 phenanthrene
 butyl 4-hydroxybenzoate
 o-toluidine
 4-methyl-m-phenylenediamine
 ethylene thiourea
 4-o-tolylazo-o-toluidine
 furan
 di-n-pentyl phthalate (DPP)
 perfluorooctanoic acid
 dodecamethylcyclhexasiloxane
 pentacosafuorotridecanoic acid
 Nonadecafluorodecanoic acid (PFDA) and its sodiu
 Tris(4-nonylphenyl, branched and linear) phosphi
 Perfluorobutane sulfonic acid (PFBS) and its sal
 Pyrene
 Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
 Reaction products of 1,3,4-thiadiazolidine-2,5-d
 Perfluorononan-1-oic acid
 (2,2,3,3,4,4,5,5,6,6,7 Methylhexahydrophthalic anhydride
 Bisphenol-A
 Cadmium sulphate
 reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioct
 1,2-benzenedicarboxylic acid, di-C6-10-alkyl est
 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5
 Perfluorohexane-1-sulphonic acid and its salts
 4-Nonylphenol, branched and linear, ethoxylated
 pentacosafuorotridecanoic acid
 1,2-benzenedicarboxylic acid, dipentylester, bra

2-methyl-1-(4-methylthiophenyl)-2-morpholinoprop
2-benzyl-2-dimethylamino-4-morpholinobutyropheno
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
n-pentyl-
isopentylphthalate
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and its salts
Sodium dichromate
Aluminosilicate
Refractory Ceramic Fibres
Zirconia
Aluminosilicate
Refractory Ceramic Fibr
4-Nonylphenol, branched and linear [substances w
Trixylyl phosphate
4-Nonylphenol, branched and linear, ethoxylated
potassium chromate
potassium dichromate
tetraboron disodium heptaoxide, hydrate
trichloroethylene
2-ethoxyethanol
2-methoxyethanol
cobalt carbonate
cobalt dinitrate
cobalt sulphate
2-ethoxyethyl acetate
1,2-benzenedicarboxylic acid; di-C7-11-branched
N-methyl-2-pyrrolidone
1,2,3-trichloropropane
1,2-benzenedicarboxylic acid; di-C6-8-branched a
potassium
hydroxyoctaoxidizincatedichromate(1-)
potassium chromate
4,4'-diaminodiphenylmethane
dibutyl phthalate (DBP)
cobalt dichloride
diarsenic pentaoxide
diarsenic trioxide
musk xylene
bis(2-ethylhexyl) phthalate (DEHP)

alkanes, C10-13,
chloro
bis(tributyltin) oxide
lead hydrogen
arsenate
Anthracene oil,
anthracene-low;
Anthracene Oil F
lead chromate
Lead chromate
molybdate sulfate red
Pitch, coal tar, high-
temp.; Pitch
potassium
hydroxyoctaoxidizincatedichromate(1-)
[4-[[4-anilino-1-
naphthyl][4-
(dimethylamino)phen
lead
cadmium
lead dinitrate
Silicic acid, lead salt
lead oxide sulfate
lead titanium trioxide
tetralead trioxide
sulphate
dioxobis(stearato)trilead
lead
bis(tetrafluoroborate)
Sulfurous acid, lead
salt, dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts
benzo[a]pyrene
[4-[[4-anilino-1-
naphthyl][4-
(dimethylamino)phen
arsenic acid
trilead diarsenate
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
phthalate
dichromium
tris(chromate)
2,2'-dichloro-4,4'-
methylenedianiline
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
cadmium carbonate
diboron trioxide
cadmium oxide (non-
pyrophoric)
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(

**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

[74162](#) Series

Mates With

C-Grid Vertical Receptacle [71395](#) , [71850](#)

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