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Part Number: [0010883162](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Breakaway Header, High Profile, Dual Row, Right Angle, 16 Circuits, 8.13mm Mating Pin Length, Tin (Sn) Plating

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-70873-0075-001 \(PDF\)](#)
[Product Specification PS-70216-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification 713080001-AS-000 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [70216](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [C-Grid Connector Products](#)
 Product Name C-Grid
 UPC 800754228305

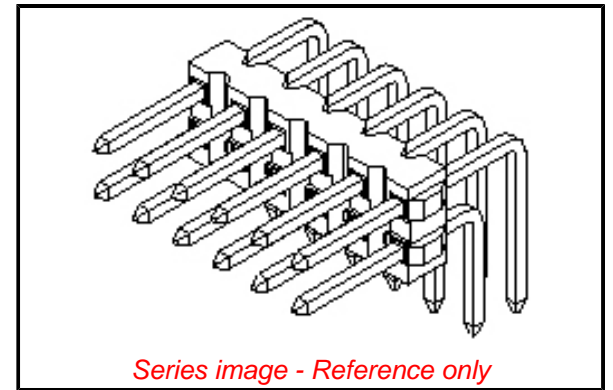
Physical

Breakaway Yes
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.434/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 2.79mm
 PCB Locator No
 PCB Retention None
 Packaging Type Tube
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 3.810µm
 Plating min - Termination 3.810µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
 Voltage - Maximum 250V

Solder Process Data



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 decamethylcyclopentasiloxane
 benzene-1,2,4-
 tricarboxylic acid 1,2-
 anhydride
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane
 benzene-1,2,4-
 tricarboxylic acid 1,2-
 anhydride
 octamethylcyclotetrasiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 dodecamethylcyclohexasiloxane
 heptacosafuorotetradecanoic
 acid
 tricosafuorododecanoic
 acid
 di-n-pentyl phthalate
 (DPP)
 6-methoxy-m-toluidine
 diisopentylphthalate
 methoxyacetic acid
 dibutyltin dichloride
 4,4'-methylenedi-o-
 toluidine
 1-vinylimidazole
 1,3-propanesultone
 chromium trioxide
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 hencosafluoroundecanoic
 acid

China RoHS

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	70216-0124
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0075-001
Product Specification	PS-70216-001
Sales Drawing	SD-70216-001, SD-70216-001-002

Silicic acid (H₂Si₂O₅),
 barium salt (1:1),
 lead-
 [phthalato(2-)]dioxotrilead
 Fatty acids, C16-18,
 lead salts
 4-aminoazobenzene
 diethyl sulphate
 dimethyl sulphate
 N-methylacetamide
 dicyclohexyl phthalate
 dihexyl phthalate
 (DnHP)
 dinoseb (ISO)
 butyl 4-
 hydroxybenzoate
 o-toluidine
 4-methyl-m-
 phenylenediamine
 ethylene thiourea
 4-o-tolylazo-o-
 toluidine
 nitrobenzene
 1-bromopropane
 furan
 Zirconia
 Aluminosilicate
 Refractory Ceramic
 Fibr
 Trixylyl phosphate
 4-(1,1,3,3-
 tetramethylbutyl)phenol,
 ethoxylated
 2,3,3,3-tetrafluoro-2-
 (heptafluoropropoxy)propio
 Tris(4-nonylphenyl,
 branched and linear)
 phosphi
 Pyrene
 Cadmium nitrate
 Chrysene
 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
 4-(1,1,3,3-
 tetramethylbutyl)phenol,
 ethoxylated
 hexahydro-2-
 benzofuran-1,3-dione
 Sodium perborate;
 perboric acid, sodium
 salt
 Cadmium sulphate
 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
ammoniumpentadecafluorooctanoate
sodium
peroxometaborate
disodium octaborate
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,
dibutylbis(pentane-2,4-dionato-O,O')tin
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
(sec-b
Terphenyl,
hydrogenated
1,2-Benzenedicarboxylic acid, dihexyl ester,
bra
pentacosafuorotridecanoic acid
1,2-benzenedicarboxylic acid, dipentylester,
bra
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
n-pentyl-
isopentylphthalate
1,3-BENZENEDIOL, TRINITRO-, LEAD
SALT
Hydrazine
Disodium tetraborate
Boric acid
Aluminosilicate
Refractory Ceramic
Fibres
tetraboron disodium heptaoxide, hydrate
cobalt carbonate
cobalt di(acetate)
cobalt sulphate
2-ethoxyethyl acetate
1,2-benzenedicarboxylic acid; di-C7-11-branched
N-methyl-2-pyrrolidone
1,2-benzenedicarboxylic acid; di-C6-8-branched a
calcium arsenate
bis(2-methoxyethyl) ether
potassium
hydroxyoctaoxodizincatedichromate(1-)

lead dipicrate
N,N-
dimethylacetamide
arsenic acid
2-methoxyaniline
trilead diarsenate
1,2-dichloroethane
pentazinc chromate
octahydroxide
triethyl arsenate
4,4'-
diaminodiphenylmethane
dibutyl phthalate
(DBP)
bis(2-ethylhexyl)
phthalate (DEHP)
lead hydrogen
arsenate
Butylbenzylphthalate
(BBP)
Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene-low;
Anthracene Oil F
lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
tris(2-chloroethyl)
phosphate
ammonium
dichromate
potassium chromate
potassium dichromate
sodium chromate
[4-[[4-anilino-1-
naphthyl]]4-
(dimethylamino)phen
 α,α -Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
lead
cadmium
cadmium fluoride
pyrochlore, antimony
lead yellow
lead dinitrate
cadmium chloride
Silicic acid, lead salt
lead oxide sulfate
pentalead tetraoxide
sulphate
trilead dioxide
phosphonate
tetralead trioxide
sulphate

dioxobis(stearato)trilead
Lead titanium
zirconium oxide
cadmium hydroxide
Acetic acid, lead salt,
basic
Sulfurous acid, lead
salt, dibasic
Formaldehyde,
polymer with
benzenamine
bis(2-methoxyethyl)
phthalate
lead diazide
phenolphthalein
dichromium
tris(chromate)
4,4'-
bis(dimethylamino)benzophenone
1,2-dimethoxyethane
cadmium carbonate
[4-[4,4'-
bis(dimethylamino)
benzhydrylidene]cycl
4,4'-
bis(dimethylamino)-4''-
(methylamino)trityl
bis(pentabromophenyl)
ether
diboron trioxide
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
trilead bis(carbonate)
dihydroxide
Lead oxide
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(

**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
[70216 Series](#)

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