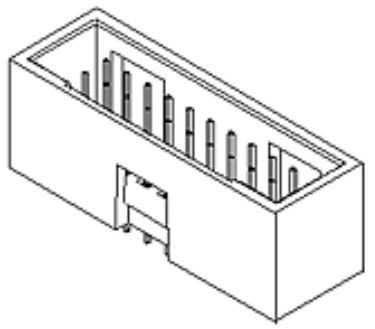
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Part Number: 0015800085
Status: Active
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 8 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-70567-001 (PDF)
- Application Specification 713080001-AS-000 (PDF)
- Packaging Specification PK-70873-0018-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	70567
Application	Signal, Wire-to-Board
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800754210843

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
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	1.590/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +105°C

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Contained Per - D(2021)10043-DC (17 Jan 2022)
Benzo(ghi)perylene
tricosafluorododecanoic acid
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pen
heptacosafluorotetradecanoic acid
Dodecamethylcyclohexasiloxane
Decamethylcyclopentasiloxane
Benzene-1,2,4-tricarboxylic acid 1,2-anhydride
Disodium 3,3'-[[1,1'-Biphenyl]-4,4'-Diylbis(Azo)
1,2-Benzenedicarboxylic acid, bis(3-methylbutyl)
methoxyacetic acid
1,2-diethoxyethane
Dibutyltin-dichloride
2-methylimidazole
4,4'-methylenedi-o-toluidine
1-vinylimidazole
1,3-Propanesultone
chromium trioxide
C.I. Direct Black 38
henicosafluoroundecanoic acid
Ammonium-pentadecafluorooctanoate
sodium peroxometaborate

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.5A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245
Material Info	
Engineering Number	70567-0138
Reference - Drawing Numbers	
Application Specification	713080001-AS-000
Packaging Specification	PK-70873-0018-001
Product Specification	PS-70567-001
Sales Drawing	SDA-70567-XXXX-001

Disodium-octaborate
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,
Acetamide, N-methyl-p-(1,1-dimethylpropyl)phenol
Dicyclohexyl-phthalate
Dihexyl-phthalate
Phenanthrene
Dinoseb
butyl 4-hydroxybenzoate
o-toluidine
4-methyl-m-phenylenediamine
Imidazolidine-2-thione
4-o-tolylazo-o-toluidine
4-tert-butylphenol
nitrobenzene
1-bromopropane
Ethylenediamine
furan
2-Methoxyethyl acetate
Glutaral
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
6-methoxy-m-toluidine
C,C'-azodi(formamide)
1,4-dioxane
Dipentyl phthalate
bis(2-(2-methoxyethoxy)ethyl) ether
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
Tris(4-nonylphenyl, branched and linear) phosphi
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-
2-(4-tert-butylbenzyl)propionaldehyde and its in
Medium-chain chlorinated paraffins (MCCP)
orthoboric acid, sodium salt
Phenol, alkylation products (mainly in para posi
Perfluorobutane sulfonic acid (PFBS) and its sal

Fluoranthene
Pyrene
Benz[a]anthracene
Cadmium nitrate
Chrysene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
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
Methylhexahydrophthalic
anhydride
Sodium perborate;
perboric acid, sodium
salt
Cadmium sulphate
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
5-sec-butyl-2-(2,4-
dimethylcyclohex-3-
en-1-yl)-5
Perfluorohexane-1-
sulphonic acid and its
salts
Terphenyl,
hydrogenated
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
diisohexyl phthalate
pentacosafluorotridecanoic
acid
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
2-Methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
4,4-
isobutylethylidenediphenol
2-benzyl-2-
dimethylamino-4-
morpholinobutyropheno
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
n-pentyl-
isopentylphthalate
S-
(tricyclo(5.2.1.02,6)deca-3-
en-8(or 9)-yl O-(i
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
Hydrazine
Disodium tetraborate

Boric acid
4,4'-Oxydianiline and its salts
Aluminosilicate Refractory Ceramic Fibres
Zirconia Aluminosilicate Refractory Ceramic Fibr
Acids generated from chromium trioxide and their
4-Nonylphenol, branched and linear [substances w
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
4-Nonylphenol, branched and linear, ethoxylated
4-Heptylphenol, branched and linear
Nonadecafluorodecanoic acid (PFDA) and its sodiu
Carbonic acid, cobalt(2+) salt (1:1)
Acetic acid, cobalt(2+) salt
Cobalt-dinitrate
Cobalt sulphate
2-Ethoxyethyl acetate
Strontium-chromate
1,2-Benzenedicarboxylic acid, di-C7-11-branched
1-Methyl-2-pyrrolidone
1,2,3-Trichloropropane
1,2-Benzenedicarboxylic acid, di-C6-8-branched a
Calcium-arsenate
bis(2-methoxyethyl) ether
Potassium hydroxyoctaoxodizincatedichromate
Lead-dipicrate
N,N-dimethylacetamide (DMAc, DMA)
Arsenic-acid
2-methoxyaniline
Trilead-diarsenate
1,2-dichloroethane
Formaldehyde, polymer with benzenamine
1,2-Benzenedicarboxylic

acid, bis(2-methoxyethyl phenolphthalein
Dichromium tris(chromate)
2,2'-dichloro-4,4'-methylenedianiline
Arsenic acid (H3AsO4), triethyl ester
4,4'-diaminodiphenylmethane
Dibutylphthalate
Di-(2-ethylhexyl)phthalat
Arsenic acid (H3AsO4), lead(2+) salt (1:1)
2,4-Dinitrotoluene
Anthracene oil; Anthracene oil
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
Diisobutyl-phthalate
Lead chromate
Lead chromate molybdate sulfate red
Lead sulfochromate yellow
Pitch, coal tar, high-temp.
Tris(2-chloroethyl) phosphate
Ammonium-dichromate
Potassium-chromate
Potassium-dichromate
Sodium-chromate
Boric acid, disodium salt, hydrate
Trichloroethylene
2-Ethoxyethanol formamide
Cadmium-chloride
Silicic acid, lead salt
Lead oxide sulfate (Pb2O(SO4))
Lead-titanium-trioxide
Pentalead-tetraoxide-sulphate
Trilead-dioxide-phosphonate
Tetralead-trioxide-sulphate
Dioxobis(stearato)trilead

Lead titanium zirconium oxide
Borate(1-), tetrafluoro-, lead (2+)
Cyanamide, lead(2+) salt (1:1)
Cadmium Hydroxide
Acetic Acid, Lead Salt, Basic
Sulfurous Acid, Lead Salt, Dibasic
Silicic acid (H2Si2O5), barium salt (1:1), lead-
[Phthalato(2-)]dioxotrilead
Fatty Acids, C16-18, Lead Salts
Lead(II) methanesulfonate
1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-t
4-aminoazobenzene
diethyl sulphate
propylene oxide
4,4'-(1-Methylpropylidene)bisphenol
dimethyl sulphate
Tetraethyllead
4,4'-bis(dimethylamino)benzophenone
N,N,N',N'-tetramethyl-4,4'-methylendianiline
1,2-Dimethoxyethane
1,2-bis(2-methoxyethoxy)ethane
Lead di(acetate)
Cadmium-carbonate
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cycl
4,4'-bis(dimethylamino)-4''-(methylamino)trityl
Decabromodiphenylether
Diboron-trioxide
Cadmium-oxide
Cadmium-sulphide
Lead(II,IV)-oxide
Trilead bis(carbonate) dihydroxide
Lead Oxide
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(
[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
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
70567 Series

Mates With
SL Crimp Housing 70450 , C-Grid PCB Receptacle 71395