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Part Number: [0039301222](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 22 Circuits, PA Polyamide Nylon 6/6 94V-0, 0.76µm Select Gold (Au) Plating

Documents:

[3D Model](#) [Drawing \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

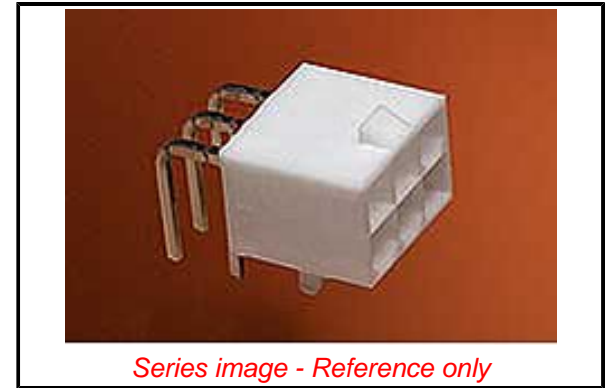
General

Product Family PCB Headers
 Series 5569
 Application Power, Wire-to-Board
 Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556-001 for additional current de-rating information.

Overview [Mini-Fit Jr. Power Connectors](#)
 Product Name Mini-Fit Jr.
 UPC 822350227919

Physical

Breakaway No
 Circuits (Loaded) 22
 Circuits (maximum) 22
 Color - Resin Natural
 Durability (mating cycles max) 30
 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
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin Nylon
 Net Weight 7.582/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 3.60mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.78mm
 Packaging Type Bag
 Pitch - Mating Interface 4.20mm
 Pitch - Termination Interface 4.20mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 decamethylcyclotetrasiloxane
 benzene-1,2,4-
 tricarboxylic acid 1,2-
 anhydride
 decamethylcyclotetrasiloxane
 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]
 hencosafuoroundecanoic
 acid

China RoHS

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	13.0A
Voltage - Maximum	600V
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	240
Material Info	
Engineering Number	5569-22A2G-210

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

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

[5569 Series](#)

Mates With

[5557 Mini-Fit Jr. Receptacle Housing, Mini-Fit TPA2 Receptacle Housing](#) [172709](#)

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