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**Part Number:** [0050361798](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 10 Circuits, PA Polyamide Nylon 6/6 94V-0, 2.54µm Matte Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-5557-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-5569-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">Test Summary TS-5569-001-001 (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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	<a href="#">Mini-Fit Jr. Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800756723501

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	3.639/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	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm



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  
Dipentyl phthalate  
6-methoxy-m-toluidine  
1,2-  
Benzenedicarboxylic  
acid, bis(3-  
methylbutyl)  
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]  
henicosafuoroundecanoic  
acid

**China RoHS**

Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
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	5569-10A2S-210-T
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#### Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Packaging Specification	PK-5569-003-001
Product Specification	PS-45750-001-001, PS-5556-001-001
Sales Drawing	55690002-SD-000
Test Summary	TS-5556-002-001, TS-5569-001-001

Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
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  
Ammonium-pentadecafluorooctanoate 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, dipentyl ester, br  
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  
Boric acid, disodium salt, hydrate  
Carbonic acid, cobalt(2+) salt (1:1)  
Acetic acid, cobalt(2+) salt  
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  
hydroxyoctaoxidizincatedichromate(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  
 $\alpha,\alpha$ #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  
1,2-  
Benzenedicarboxylic  
acid, bis(2-  
methoxyethyl  
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**

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

<br>Mini-Fit Jr. Cable Assembly [245135](#) ,

Mini-Fit TPA2 Receptacle Housing [172708](#)

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