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**Part Number:** [1723164204](#)  
**Status:** **Active**  
**Overview:** [Ultra-Fit Power Connectors](#)  
**Description:** Ultra-Fit Right-Angle Header, 3.50mm Pitch, Dual Row, 4 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable

**Documents:**

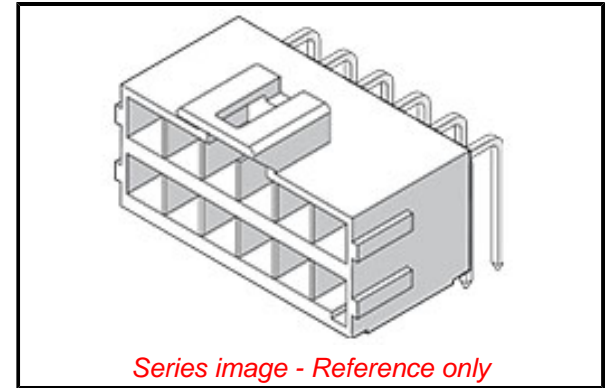
<a href="#">3D Model</a>	<a href="#">Product Specification PS-172323-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 1723161114-PK-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1723230001-TS-000 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172316-3104 (PDF)</a>
<a href="#">Product Specification 1723231000-PS-CH-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">172316</a>
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	<a href="#">Ultra-Fit Power Connectors</a>
Product Name	Ultra-Fit
UPC	889056867009

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.982/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.50mm
Pitch - Termination Interface	3.50mm
Plating min - Mating	0.381µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**China RoHS**

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

11.0A  
600V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Packaging Specification  
Product Specification

1723161114-PK-000  
1723230001-TS-000, 1723231000-PS-CH-000,  
PS-172323-0001-001  
1723162000-000  
SYM-172316-3104

Sales Drawing  
Symbol/Footprint Data

4-methyl-m-phenylenediamine  
o-toluidine  
butyl 4-hydroxybenzoate  
dinoseb (ISO)  
dihexyl phthalate (DnHP)  
dicyclohexyl phthalate  
N-methylacetamide  
dimethyl sulphate  
diethyl sulphate  
4-aminoazobenzene  
Fatty acids, C16-18, lead salts  
[phthalato(2-)]dioxotrilead  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), barium salt (1:1), lead-  
Perfluorohexane-1-sulphonic acid and its salts  
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5  
1,2-benzenedicarboxylic acid, di-C<sub>6</sub>-10-alkyl est  
Cadmium sulphate  
Sodium perborate; perboric acid, sodium salt  
hexahydro-2-benzofuran-1,3-dione  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Perfluorononan-1-oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Reaction  
products of 1,3,4-thiadiazolidine-2,5-d  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Chrysene  
Cadmium nitrate  
Pyrene  
Tris(4-nonylphenyl, branched and linear)  
phosphi  
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio  
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
Trixylyl phosphate  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Aluminosilicate  
Refractory Ceramic  
Fibres  
Boric acid

Disodium tetraborate  
Hydrazine  
1,3-BENZENEDIOL,  
TRINITRO-, LEAD  
SALT  
n-pentyl-  
isopentylphthalate  
3-ethyl-2-methyl-2-  
(3-methylbutyl)-1,3-  
oxazolidi  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
pentacosafuorotridecanoic  
acid  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
Terphenyl,  
hydrogenated  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
dibutylbis(pentane-2,4-  
dionato-O,O')tin  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
disodium octaborate  
sodium  
peroxometaborate  
ammoniumpentadecafluorooctanoate  
pentazinc chromate  
octahydroxide  
1,2-dichloroethane  
trilead diarsenate  
2-methoxyaniline  
arsenic acid  
N,N-  
dimethylacetamide  
lead dipicrate  
potassium  
hydroxyoctaoxidizincatedichromate(1-)  
bis(2-methoxyethyl)  
ether  
calcium arsenate  
1,2-  
benzenedicarboxylic  
acid; di-C6-8-  
branched a  
N-methyl-2-  
pyrrolidone  
1,2-  
benzenedicarboxylic  
acid; di-C7-11-  
branched  
2-ethoxyethyl acetate  
cobalt sulphate  
cobalt di(acetate)  
cobalt carbonate

tetraboron disodium  
heptaoxide, hydrate  
sodium chromate  
potassium dichromate  
potassium chromate  
ammonium  
dichromate  
tris(2-chloroethyl)  
phosphate  
Lead sulfochromate  
yellow  
Lead chromate  
molybdate sulfate red  
lead chromate  
Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
Anthracene oil,  
anthracene paste,  
distn. lights;  
Anthracene oil,  
anthracene paste,  
anthracene fra  
Anthracene oil,  
anthracene paste;  
Anthracene Oil  
Butylbenzylphthalate  
(BBP)  
lead hydrogen  
arsenate  
bis(2-ethylhexyl)  
phthalate (DEHP)  
dibutyl phthalate  
(DBP)  
4,4'-  
diaminodiphenylmethane  
triethyl arsenate  
Sulfurous acid, lead  
salt, dibasic  
Acetic acid, lead salt,  
basic  
cadmium hydroxide  
Lead titanium  
zirconium oxide  
dioxobis(stearato)trilead  
tetralead trioxide  
sulphate  
trilead dioxide  
phosphonate  
pentalead tetraoxide  
sulphate  
lead oxide sulfate  
Silicic acid, lead salt  
cadmium chloride  
lead dinitrate  
pyrochlore, antimony  
lead yellow  
cadmium fluoride  
cadmium  
lead  
 $\alpha,\alpha'$ Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)

[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl-3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(Lead oxide trilead bis(carbonate) dihydroxide orange lead cadmium sulphide cadmium oxide (non-pyrophoric) diboron trioxide bis(pentabromophenyl) ether 4,4'-bis(dimethylamino)-4''-(methylamino)trityl [4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl cadmium carbonate 1,2-dimethoxyethane 4,4'-bis(dimethylamino)benzophenone dichromium tris(chromate) phenolphthalein lead diazide bis(2-methoxyethyl) phthalate Formaldehyde, polymer with benzenamine

**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**

[172316 Series](#)

**Mates With**

Ultra-Fit Receptacle Housing [1722584104](#)

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