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Part Number: 0447641202

Status: Active

Overview: Micro-Fit Connector System

Description: Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 12 Circuits

Documents:

- [Drawing \(PDF\)](#)
- [3D Model](#)
- [3D Model \(PDF\)](#)
- [Product Specification PS-44300-001-001 \(PDF\)](#)
- [Test Summary TS-44764-001-001 \(PDF\)](#)
- [Symbol Footprint Data SYM-44764-1201 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Literature \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	44764
Application	Board-to-Board, Power, Wire-to-Board
Overview	Micro-Fit Connector System
Product Name	Micro-Fit BMI
UPC	756054398593

Physical

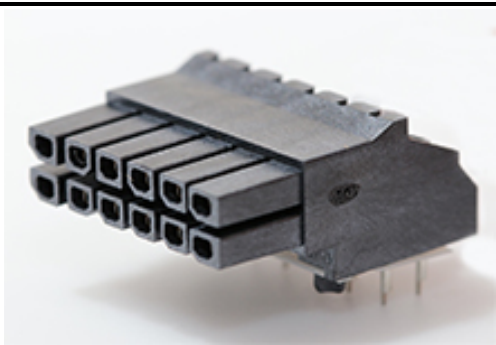
Circuits (Loaded)	12
Circuits (maximum)	12
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	3.427/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
ammoniumpentadecafluorooctanoate
1,3-propanesultone
dibutyltin dichloride
1,2-diethoxyethane
diisopentylphthalate
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
perfluorooctanoic acid
di-n-pentyl phthalate
(DPP)
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Pyrene

China RoHS

Material Info

Reference - Drawing Numbers

Product Specification	PS-44300-001-001
Sales Drawing	SD-44764-001
Symbol/Footprint Data	SYM-44764-1201
Test Summary	TS-44764-001-001

Tris(4-nonylphenyl, branched and linear) phosphi
Nonadecafluorodecanoic acid (PFDA) and its sodiu
Boric acid
n-pentyl- isopentylphthalate
1,2- benzenedicarboxylic acid, dipentylester, bra
diisohexyl phthalate
lead dinitrate
cadmium
orange lead
cadmium sulphide
cadmium oxide (non-pyrophoric)
bis(pentabromophenyl) ether
1,2-bis(2-methoxyethoxy)ethane
1,2-dimethoxyethane
pentazinc chromate
octahydroxide
bis(2-methoxyethyl) ether
strontium chromate
Lead sulfochromate yellow
ethylene thiourea
dihexyl phthalate (DnHP)
4-aminoazobenzene
benzo[a]pyrene
[phthalato(2-)]dioxotrilead
Sulfurous acid, lead salt, dibasic
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
pentalead tetraoxide
sulphate
lead oxide sulfate
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
44764 Series

Mates With

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