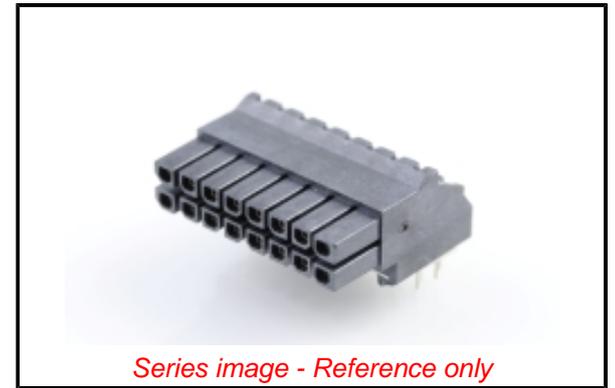


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Part Number: [0447641602](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 16 Circuits

Documents:

3D Model	Test Summary TS-44764-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-44764-1601 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-44300-001-001 (PDF)	Product Literature (PDF)



Series image - Reference only

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	756054398654

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
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	4.464/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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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,
Ammonium-
pentadecafluorooctanoate
1,3-propanesultone
dibutyltin dichloride
1,2-diethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Dipentyl phthalate
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride

China RoHS

Material Info

Reference - Drawing Numbers

Product Specification	PS-44300-001-001
Sales Drawing	SD-44764-001
Symbol/Footprint Data	SYM-44764-1601
Test Summary	TS-44764-001-001

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
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodi
Boric acid
n-pentyl-
isopentylphthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
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

44428 Micro-Fit BMI Right Angle Headers,

44432 Micro-Fit BMI Vertical Headers,

44300 Micro-Fit BMI Plug Housing

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