



Part Number : 447692402

Product Description : Micro-Fit BMI
Receptacle Header, Dual Row, Vertical, with
Press-fit Plastic Pegs, 0.38µm Gold (Au)
Selective, 24 Circuits
Status : Active

Series Number : 44769
Product Category : PCB Headers and
Receptacles

Documents & Resources

Drawings
Drawing 447692402_sd.pdf
Packaging Design Drawing PK-44769-001-001.pdf

3D Models and Design Files
3D Model 447692402_stp.zip
Symbol Footprint Data SYM-44769-2401-001.zip

Specifications
Product Specification PS-44300-001-001.pdf
Test Summary 443000002-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents
- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44769
Description	Micro-Fit BMI Receptacle Header, Dual Row, Vertical, with Press-fit Plastic Pegs, 0.38µm Gold (Au) Selective, 24 Circuits
Application	Board-to-Board, Power, Wire-to-Board
Component Type	PCB Receptacle
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit BMI
UPC	800756568669

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	250V

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No

Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	4.262/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit BMI Dual Row Plug Housings	<u>44300</u>
Micro-Fit BMI Right-Angle Dual Row Headers	<u>44428</u>
Micro-Fit BMI Vertical Dual Row Headers	<u>44432</u>

