Part Number : 447642402

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

Series Number : 44764

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 447642402_sd.pdf

Packaging Design Drawing PK-44764-001-001.pdf

3D Models and Design Files

3D Model 447642402_stp.zip

Symbol Footprint Data SYM-44764-2401-001.zip

Specifications

Product Specification PS-44300-001-001.pdf

Test Summary 443000002-TS-000.pdf

Test Summary TS-44764-001-001.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(2024)4144-DC (27 June 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	44764
Description	Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, 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	756054398777

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
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	6.714/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
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	44300
Micro-Fit BMI Right-Angle Dual Row Headers	44428
Micro-Fit BMI Vertical Dual Row Headers	44432