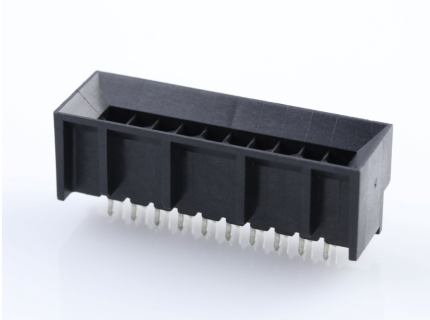
Part Number : 444322001
Product Description : Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 20 Circuits, Tin (Sn) Plating, Kinked Tails
Series Number : 44432
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
444322001_sd.pdf
PK-44432-001-001.pdf

3D Models and Design Files
444322001_stp.zip
SYM-44432-2001-001.zip
SYM-44432-200X-001.zip

Specifications
PS-44300-001-001.pdf
443000002-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	44432
Description	Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 20 Circuits, Tin (Sn) Plating, Kinked Tails
Application	Board-to-Board, Power, Wire-to-Board
Comments	High Temperature, Square Pin, Solder Type
Component Type	PCB Header
Product Name	Micro-Fit BMI
UPC	800756378053

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black

Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	3.300/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.00mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
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 Receptacle Housings	44133
Micro-Fit BMI Right-Angle Dual Row PCB Receptacles	44764
Micro-Fit BMI Vertical Dual Row PCB Receptacles	44769