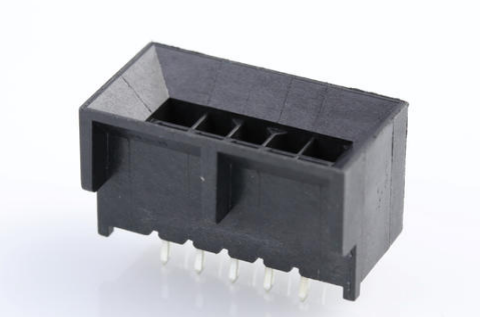
Part Number : 444321001
Product Description : Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 10 Circuits, 5.08µm Tin (Sn) Plating, Kinked Tails
Series Number : 44432
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

444321001_sd.pdf

PK-44432-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-44432-1001-001.zip

SYM-44432-100X-001.zip

Specifications

444280001-AS-000.pdf

PS-44300-001-001.pdf

443000002-TS-000.pdf

447640002-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC

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	61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44432
Description	Micro-Fit BMI Header, Dual Row, Vertical, with PCB Polarizing Peg, 10 Circuits, 5.08µm Tin (Sn) Plating, Kinked Tails
Application	Board-to-Board, Wire-to-Board
Comments	High Temperature, Square Pin, Solder Type
Component Type	PCB Header
Product Name	Micro-Fit BMI
UPC	800756377902

Agency

CSA	LR19980

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UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.020/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.30mm
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	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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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

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