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Part Number:

0447642401

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 2.54µm Tin (Sn), 24 Circuits



Series image - Reference only

Documents:	
3D Model (PDF)	Test Summary 443000002-TS-000 (PDF)
3D Model	Test Summary TS-44764-001-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-44300-001-001 (PDF)	Symbol Footprint Data SYM-44764-2401-001 (PDF)
Packaging Specification PK-44764-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	44764
Application	Board-to-Board, Power, Wire-to-Board
Component Type	PCB Receptacle
Overview	Micro-Fit Connector System
Product Name	Micro-Fit BMI
Taxonomy	PCB Headers and Receptacles
UPC	756054398760
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	Tin
Material - Plating Termination	Tin
Net Weight	6.666/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	1.016µm
Plating min - Termination	1.016µm
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-freeProcess Capability	WAVE

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44764-001-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-44764-001-001
Symbol/Footprint Data	SYM-44764-2401-001
Test Summary	443000002-TS-000, TS-44764-001-001

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