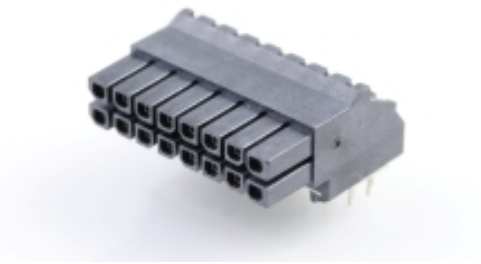
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Part Number: 0447641601
Status: Active
Overview: Micro-Fit Connector System
Description: Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 2.54µm Tin (Sn), 16 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
3D Model
3D Model (PDF)
Product Specification PS-44300-001-001 (PDF)
Packaging Specification PK-44764-001-001 (PDF)
Test Summary TS-44764-001-001 (PDF)
Symbol Footprint Data SYM-44764-1601-001 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	44764
Application	Board-to-Board, Power, Wire-to-Board
Overview	Micro-Fit Connector System
Product Name	Micro-Fit BMI
UPC	756054398647

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
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	4.432/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
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per - D(2021)4569-DC (8 July 2021)
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

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-44764-1601-001
Test Summary	TS-44764-001-001

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