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Part Number:

0447640803

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI Receptacle Header, Dual Row, Right-Angle, with Press-fit Plastic Pegs, 0.80µm Gold (Au) Selective, 8 Circuits



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-44300-001-001 (PDF)

Test Summary TS-44764-001-001 (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	756054398548
Physical	
Circuits (Loaded)	8
Circuits (maximum)	8
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	2.459/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	0.762µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
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

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ECHA_01_2020 (16 January 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Compliant

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

Product Specification	PS-44300-001-001
Sales Drawing	SD-44764-001
Symbol/Footprint Data	SYM-44764-0801
Test Summary	TS-44764-001-001

This document was generated on 02/28/2020

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