

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0466220501

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, 0.38µm Gold (Au) Selective Plating, 5 Circuits, Tape and Reel



Documents:	
Drawing (PDF)	Packaging Specification PK-46622-001-001 (PDF)
3D Model	Datasheet (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-46622-0500-001 (PDF)
Product Specification PS-44300-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
General	
Product Family	PCB Headers
Series	46622
Application	Power, Wire-to-Board
Overview	Micro-Fit Connector System
Product Name	Micro-Fit BMI
Taxonomy	PCB Headers and Receptacles
UPC	191128233071
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.456/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	

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

46622 Series

Mates With

46623 Micro-Fit BMI Panel Mount Receptacle Housing

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46622-001-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-46622-0000-001
Symbol/Footprint Data	SYM-46622-0500-001

This document was generated on 09/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION