

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0466220702](#)
Status: **Active**
Overview:
Description: Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, 0.76µm Gold (Au) Selective Plating, 7 Circuits

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	46622
Application	Power, Wire-to-Board
Overview	microfit_30
Product Name	Micro-Fit BMI
UPC	887191678139

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	1.763/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	0.762µm
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

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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46622](#) Series

Mates With

[46623](#) Micro-Fit BMI Panel Mount
Receptacle Housing

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46622-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-46622-0000
Symbol/Footprint Data	SYM-46622-0700

This document was generated on 09/28/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46622-0702](#)