Part Number : 466220600

Product Description : Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, Tin (Sn) Plating, 6 Circuits, Tape and Reel

Series Number : 46622

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_466220600_sd.pdf

Packaging Design Drawing_PK-46622-001-001.pdf

3D Models and Design Files

3D Model_466220600_stp.zip

Symbol Footprint Data_SYM-46622-0600-001.zip

Specifications

Product Specification_PS-44300-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	46622
Description	Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, Tin (Sn) Plating, 6 Circuits, Tape and Reel
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit BMI
UPC	191128235624

Agency

CSA	LR19980

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.625/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
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

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit BMI Single Row Receptacle Housings	46623

This document was generated on May 27, 2024