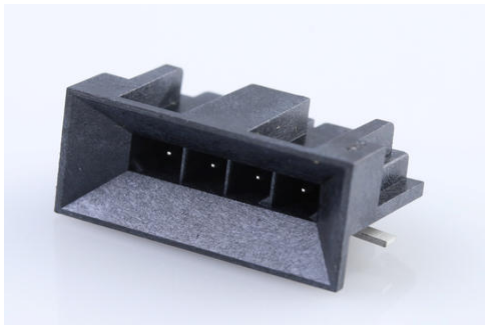




**Part Number :** [466220400](#)  
**Product Description :** Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, Tin (Sn) Plating, 4 Circuits, Tape and Reel  
**Series Number :** 46622  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[466220400 sd.pdf](#)  
[PK-46622-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)  
[SYM-46622-0400-001.zip](#)

### Specifications

[PS-44300-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## 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, 4 Circuits, Tape and Reel |
| Application    | Power, Wire-to-Board                                                                                                       |
| Component Type | PCB Header                                                                                                                 |
| Product Name   | Micro-Fit BMI                                                                                                              |
| UPC            | 191128235501                                                                                                               |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
|-----|---------|

### Electrical

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

### Physical

|           |    |
|-----------|----|
| Breakaway | No |
|-----------|----|

|                                |                        |
|--------------------------------|------------------------|
| Circuits (Loaded)              | 4                      |
| Circuits (maximum)             | 4                      |
| 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                     | 1.290/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    |

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# Mates With / Use With

## Mates with Part(s)

| Description                                     | Part Number  |
|-------------------------------------------------|--------------|
| Micro-Fit BMI Single Row<br>Receptacle Housings | <u>46623</u> |