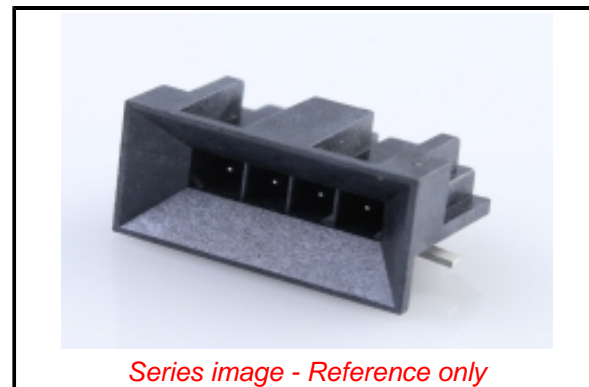


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0466220402](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit BMI Header, Surface Mount, Single Row, Right-Angle, with Solder Tab, 0.76µm Gold (Au) Selective Plating, 4 Circuits, Tape and Reel

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-46622-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Symbol Footprint Data SYM-46622-0400-001 (PDF)</a> |
| <a href="#">Product Specification PS-44300-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |



*Series image - Reference only*

**Agency Certification**

CSA LR19980

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                                |
| Series         | <a href="#">46622</a>                      |
| Application    | Power, Wire-to-Board                       |
| Overview       | <a href="#">Micro-Fit Connector System</a> |
| Product Name   | Micro-Fit BMI                              |
| Taxonomy       | PCB Headers and Receptacles                |
| UPC            | 191128232975                               |

**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      | Gold                   |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 1.294/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**

**EU ELV**

**Not Relevant**

**EU 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

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

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

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 030    |
| Lead-free Process 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-46622-0400-001 |

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