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Part Number:

44242-0010

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Test Plug, Dual Row, 22 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43650 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 44242                          |
| Application                    | Signal, Wire-to-Board          |
| Overview                       | Micro-Fit 3.0™ Connectors      |
| Product Name                   | Micro-Fit 3.0™                 |
| UPC                            | 800754019958                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 22                             |
| Circuits (maximum)             | 22                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 10,000                         |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Beryllium Copper               |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 13.619/g                       |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 6.81mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Bag                            |
| Pitch - Mating Interface       | 3.00mm                         |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40°C to +105°C                |
| Termination Interface: Style   | Solder or Weld                 |

|                               |      |
|-------------------------------|------|
| Electrical                    |      |
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum             | 250V |

Material Info

|                             |                                        |
|-----------------------------|----------------------------------------|
| Reference - Drawing Numbers |                                        |
| Product Specification       | PS-43650, RPS-43045-003, RPS-43045-004 |
| Sales Drawing               | SD-44242-001                           |



image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series  
44242Series

Mates With  
43025 Micro-Fit 3.0™ Receptacle Housing,  
44133 Micro-Fit BMI™ Panel Mount Receptacle Housing

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