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Part Number:

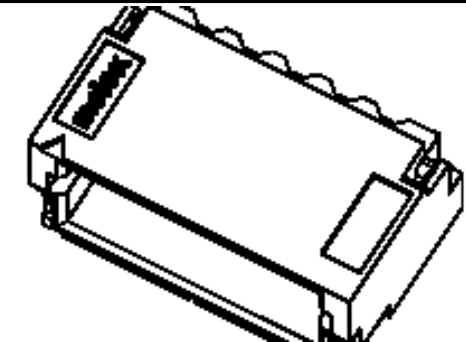
48227-0302

Status:

Active

Description:

1.00mm Pitch Wire-to-Board PCB Header, SMT, Right Angle, Overall Gold (Au) Flash, Black Housing, 3 Circuits, Lead-Free



Series

image - Reference only

Documents:

- 3D Model

Drawing (PDF)

Product Specification PS-48226-001 (PDF)
- Test Summary TS-48226-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

|                |                       |
|----------------|-----------------------|
| Product Family | PCB Headers           |
| Series         | 48227                 |
| Application    | Signal, Wire-to-Board |
| Product Name   | N/A                   |
| UPC            | 822350599061          |

Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 3                     |
| Circuits (maximum)             | 3                     |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Compliant            | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 2.90mm                |
| Material - Plating Mating      | Gold                  |
| Net Weight                     | 0.137/g               |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.00mm                |
| Pitch - Termination Interface  | 1.00mm                |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40°C to +85°C        |
| Termination Interface: Style   | Surface Mount         |

Electrical

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 1A  |
| Voltage - Maximum             | 50V |

Solder Process Data

|                                                |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 3                         |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 1                         |
| Process Temperature max. C                     | 260                       |

Material Info

Reference - Drawing Numbers

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  
48227Series

Mates With  
48228 Wire-to-Board Crimp Housing

Product Specification  
Sales Drawing  
Test Summary

PS-48226-001  
SD-48227-001  
TS-48226-001

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