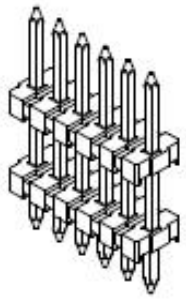
**Part Number :** 874471012
**Product Description :** 3.96mm Pitch Dual Body Header, Vertical, Through Hole, 10 Circuits, 0.38µm Gold(Au) over 1.25µ Nickel(Ni) Plating, Tube Packaging
**Series Number :** 87447
**Status :** Not Recommended For New Design
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

874471012_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| 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

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- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Not Recommended For New Design |
| Category | PCB Headers and Receptacles |
| Series | 87447 |
| Description | 3.96mm Pitch Dual Body Header, Vertical, Through Hole, 10 Circuits, 0.38µm Gold(Au) over 1.25µ Nickel(Ni) Plating, Tube Packaging |
| Application | Board-to-Board, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | N/A |
| UPC | 884982267596 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum | 250V |

### Physical

| | |
|---|---|
| Breakaway | Yes |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Gender | Male |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |

Downloaded from Arrow.com.

| | |
|---|---|
| Keying to Mating Part | No |
| Lock to Mating Part | No |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Through Hole |
| Net Weight | 7.759/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PCB Locator | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.43mm |
| Pitch - Mating Interface | 3.96mm |
| Pitch - Termination Interface | 3.96mm |
| Plating min - Mating | 0.381µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | Unshrouded |
| Stackable | No |
| Temperature Range - Operating | 0° to +105°C |
| Termination Interface Style | Through Hole |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 3 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 250 |



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