**Part Number :** 444751821
**Product Description :** Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 18 Circuits
**Series Number :** 44475
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

444751821_sd.pdf

PK-42385-999-001.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-44476-001-001.pdf

423850000-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | 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)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
- 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 | Active |
| Category | PCB Headers and Receptacles |
| Series | 44475 |
| Description | Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 18 Circuits |
| Application | Board-to-Board, Wire-to-Board |
| Comments | Solder Type, With Pegs |
| Component Type | PCB Receptacle |
| Product Name | Mini-Fit HCS |
| UPC | 800754915755 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 11.0A |
| Voltage - Maximum | 600V |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide (PA) |
| Net Weight | 3.753/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 4.20mm |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 240 |

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## Mates With / Use With

**Mates with Part(s)**

| Description | Part Number |
|---|---|
| Mini-Fit BMI Right-Angle Dual Row | 42404 |

| | |
|---|---|
| Headers | |
| Mini-Fit BMI Dual Row Plug Housings | 42475 |
| Mini-Fit BMI Right-Angle Dual Row Headers | 43810 |
| Mini-Fit BMI Vertical Dual Row Headers | 44068 |
| Mini-Fit HCS Vertical Headers | 44474 |