



Part Number : [1720641012](#)
Product Description : 5.70mm Pitch, Mega-Fit Right-Angle Header, 12 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray, Black
Series Number : 172064
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[1720641012_sd.pdf](#)
[768250001-PK-000.pdf](#)

3D Models and Design Files
[1720641012_stp.zip](#)
[SYM-172064-1012-001.zip](#)

Specifications
[AS-76823-100-001.pdf](#)
[1720631000-PS-000.pdf](#)
[PS-76823-100-001.pdf](#)
[1720631000-TS-000.pdf](#)
[TS-76823-100-001.pdf](#)
[TS-76825-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863 |

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 172064 |
| Description | 5.70mm Pitch, Mega-Fit Right-Angle Header, 12 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray, Black |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Mega-Fit |
| UPC | 887191558967 |

Agency

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

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 23.5A |
| Voltage - Maximum | 600V |

Physical

| | |
|--------------------|----|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |

| | |
|--------------------------------|--------------------------------|
| Color - Resin | Black |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Mated Height | 16.78mm |
| Material - Metal | Copper |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 7.893/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm, 2.36mm |
| Pitch - Mating Interface | 5.70mm |
| Pitch - Termination Interface | 5.70mm |
| Plating min - Mating | 0.762μm |
| Plating min - Termination | 2.540μm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Temperature Range - Operating | -40° to +120°C |
| Termination Interface Style | Through Hole |
| Unmated Height | 14.53mm |

Solder Process Data

| | |
|------------------------------|----------|
| Max-Duration | 30 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---------------------------------------|---------------|
| Mega-Fit Dual Row Receptacle Housings | <u>170001</u> |
| Mega-Fit Dual Row Receptacle Housings | <u>171692</u> |