



**Part Number :** [1720640002](#)  
**Product Description :** 5.70mm Pitch, Mega-Fit  
Right-Angle Header, 2 Circuits, 0.38µm Gold  
(Au) Plating, UL 94 V-0, Glow-Wire Capable,  
Tray  
**Series Number :** 172064  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources

**Drawings**  
[1720640002\\_sd.pdf](#)  
[768250001-PK-000.pdf](#)

**3D Models and Design Files**  
[1720640002\\_stp.zip](#)  
[SYM-172064-0002-001.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         | Compliant with Exemption 44; 34; 33                                                   |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| 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

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### Part Details

#### General

|                |                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                              |
| Category       | PCB Headers and Receptacles                                                                                         |
| Series         | 172064                                                                                                              |
| Description    | 5.70mm Pitch, Mega-Fit Right-Angle Header, 2 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray |
| Application    | Power, Wire-to-Board                                                                                                |
| Component Type | PCB Header                                                                                                          |
| Product Name   | Mega-Fit                                                                                                            |
| UPC            | 887191453767                                                                                                        |

#### Agency

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

#### Electrical

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

#### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 2  |

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (maximum)             | 2                              |
| 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 | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.935/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           | 0.381µm                        |
| Plating min - Termination      | 1.270µm                        |
| 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      |

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# 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> |
| Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assemblies | <u>245136</u> |