



Part Number : [1720641004](#)

Product Description : 5.70mm Pitch, Mega-Fit Right-Angle Header, 4 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

Series Number : 172064

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : 172064-1002



Documents & Resources

Drawings

[1720641004_sd.pdf](#)

[768250001-PK-000.pdf](#)

3D Models and Design Files

[1720641004_stp.zip](#)

[SYM-172064-1004-001.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)6225-DC (07 Nov 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	172064
Description	5.70mm Pitch, Mega-Fit Right-Angle Header, 4 Circuits, 0.76µm 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	887191558929

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	4

Circuits (maximum)	4
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	2.838/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	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

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>

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