



Part Number : [1727081004](#)
Product Description : Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 4 Circuits
Series Number : 172708
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[1727081004_sd.pdf](#)
[1727080002-PK-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2131370000-AS-000.pdf](#)
[2029880002-PS-000.pdf](#)
[2131370000-PS-000.pdf](#)
[1727180003-TS-000.pdf](#)
[2131370001-TS-000.pdf](#)
[2131370002-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	Not Low-Halogen per IEC 61249-2-21

REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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

Part Details

General

Status	Active
Category	Connector Housings
Series	172708
Description	Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 4 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Sigma
UPC	191130138289

Agency

UL	E29179
----	--------

Physical

Circuits (maximum)	4
Color - Resin	Black

Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.243/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172762</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172767</u>
Mini-Fit Vertical Dual Row Headers	<u>172447</u>
Mini-Fit Jr. Right-Angle Dual Row Headers	<u>172448</u>
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	<u>35317</u>
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	<u>35318</u>
Mini-Fit Jr. Vertical Dual Row Headers	<u>43460</u>
Mini-Fit Jr. Right-Angle Dual Row	<u>44130</u>

Headers	
Mini-Fit Jr. Vertical, Dual Row, Reflow Solder Capable Headers	<u>46207</u>
Mini-Fit Jr. Right-Angle Dual Row Reflow Solder Capable Headers	<u>46991</u>
Mini-Fit Jr. Vertical Headers	<u>5566</u>
Mini-Fit Jr. Right-Angle Headers	<u>5569</u>
Mini-Fit Jr. Plug Housings	<u>5559</u>
Mini-Fit Jr. Dual Row Headers	<u>87427</u>

Use with Part(s)

Description	Part Number
Mini-Fit Sigma Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Glow-Wire Capable, 2 Circuits, Natural	<u>1727092002</u>
Mini-Fit TPA2/Sigma Female Crimp Terminals	<u>172718</u>
Mini-Fit TPA2/Sigma Female Crimp Terminals	<u>202988</u>
Pre-Crimped Lead Mini-Fit Sigma/TPA2 Female-to-Mini-Fit Sigma/TPA2 Female	<u>219670</u>
Pre-Crimped Lead Mini-Fit Sigma/TPA2 Female-to-Pigtail	<u>219671</u>
Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminals	<u>221442</u>