



Part Number : [2004882006](#)
Product Description : Mini-Fit Sigma Plug Housing,
4.20mm Pitch, Single Row, Panel Mount, UL 94V-0,
Glow-Wire Capable, 6 Circuits
Series Number : 200488
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

[2004882006_sd.pdf](#)
[2004880001-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](#)
[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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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

Part Details

General

Status	Active
Category	Connector Housings
Series	200488
Description	Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Single Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 6 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Sigma
UPC	193264446551

Agency

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

Physical

Circuits (maximum)	6
Color - Resin	Black

Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.640/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
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 Single Row Receptacle Housings	<u>200453</u>
Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assemblies	<u>145135</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, 6 Circuits, Natural	<u>1727092006</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>172765</u>

Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>203070</u>
---	---------------

This document was generated on May 07, 2026