

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1727081006](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 6 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 1727080002-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 2131370001-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 2131370002-TS-000 (PDF)</a>
<a href="#">Product Specification 2029880002-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2131370000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 2131370000-AS-000 (PDF)</a>	

**General**

Product Family	Crimp Housings
Series	<a href="#">172708</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Sigma
UPC	191130138296

**Physical**

Circuits (maximum)	6
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.647/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

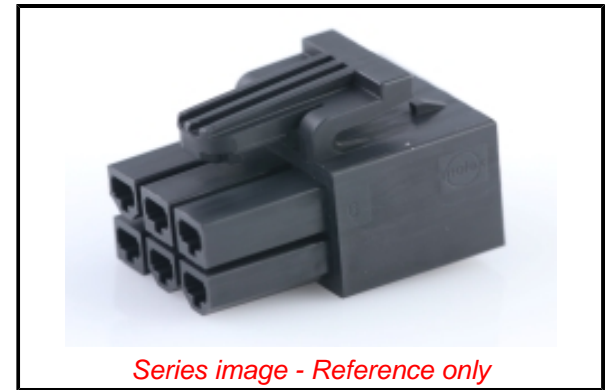
**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	2131370000-AS-000
Packaging Specification	1727080002-PK-000
Product Specification	2029880002-PS-000, 2131370000-PS-000
Sales Drawing	1727080002-SD-000
Test Summary	2131370001-TS-000, 2131370002-TS-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172708](#) Series

**Mates With**

Mini-Fit Sigma Plug Housing [1727673006](#)  
, [1727621006](#) . Mini-Fit Jr. Headers [35318](#)  
, [44130](#) , [87427](#) , [172448](#) , [46991](#) , [5569](#)  
, [5566](#) , [35317](#) , [43460](#) , [87427](#) , [172447](#) ,  
[46207](#)

**Use With**

Mini-Fit TPA2/Sigma Crimp Terminal  
[172718](#) , [202988](#) . Mini-Fit Sigma TPA  
Retainer [1727092003](#)