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**Part Number:** [1727621006](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 6 Circuits

**Documents:**

|                                                                   |                                                                 |
|-------------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Packaging Specification 1727620001-PK-000 (PDF)</a> |
| <a href="#">Product Specification 2029880002-PS-000 (PDF)</a>     | <a href="#">Test Summary 2131370002-TS-000 (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="#">172762</a>                           |
| Application    | Power, Wire-to-Board, Wire-to-Wire               |
| Overview       | <a href="#">Mini-Fit Family Power Connectors</a> |
| Product Name   | Mini-Fit Sigma                                   |
| UPC            | 193264446162                                     |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 6              |
| Color - Resin                 | Black          |
| Gender                        | Plug           |
| Glow-Wire Capable             | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 2.220/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-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | 2131370000-AS-000                    |
| Packaging Specification   | 1727620001-PK-000                    |
| Product Specification     | 2029880002-PS-000, 2131370000-PS-000 |
| Sales Drawing             | 1727620001-SD-000                    |
| Test Summary              | 2131370002-TS-000                    |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[172762](#) Series

**Mates With**

Mini-Fit Sigma Receptacle Housing  
[1727081006](#)

**Use With**

Mini-Fit TPA2/Sigma Male Terminal  
[172765](#) , [203070](#) . Mini-Fit Sigma Retainer  
[1727092003](#)