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Part Number: [1727081012](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 12 Circuits

Documents:

| | |
|---|---|
| 3D Model | Packaging Specification 1727080002-PK-000 (PDF) |
| 3D Model (PDF) | Test Summary 2131370001-TS-000 (PDF) |
| Drawing (PDF) | Test Summary 2131370002-TS-000 (PDF) |
| Product Specification 2029880002-PS-000 (PDF) | Datasheet (PDF) |
| Product Specification 2131370000-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 2131370000-AS-000 (PDF) | |

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 172708 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Overview | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit Sigma |
| UPC | 193264446018 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 2.770/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 |

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

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Mini-Fit Sigma Plug Housing [1727673012](#)
, [1727621012](#) . 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 [1727092006](#)

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