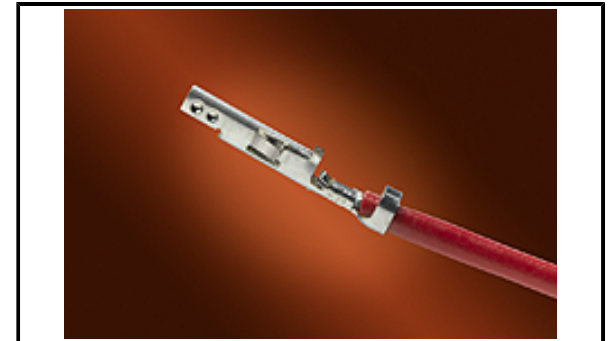


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000182**
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Bag

Documents:

| | |
|---|---|
| Drawing (PDF) | Product Specification TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | Packaging Specification PK-5556-003 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

General

| | |
|-------------------------|--------------------------------------|
| Product Family | Crimp Terminals |
| Series | <u>5556</u> |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | <u>Mini-Fit Jr. Power Connectors</u> |
| Packaging Alternative | <u>39-00-0181 (Reel)</u> |
| Product Name | Mini-Fit |
| UPC | 800754395847 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.130/g |
| Packaging Type | Bag |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.30-3.10mm |
| Wire Size AWG | 18, 20, 22, 24 |
| Wire Size mm ² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum | 600V |

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|-------------|
| Engineering Number | 5556-PBGSPL |
|--------------------|-------------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | PK-5556-003 |
| Product Specification | PS-5556-001-001, PS-5556-002-001, TS-5556-002-001 |
| Sales Drawing | SD-5556-006-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

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

5556 Series

Mates With

5558 Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, 5566 , 5569

Use With

5557 Mini-Fit Jr. Receptacle Housing, 30067 Mini-Fit TPA, 42474 Mini-Fit BMI Panel Mount, 44516 Mini-Fit BMI Slide and Lock Panel Mount

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[39-00-0182](#)