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Part Number: **0039000181**
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Reel

Documents:

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



General

Product Family	Crimp Terminals
Series	<u>5556</u>
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr. Power Connectors</u>
Packaging Alternative	<u>39-00-0182 (Loose)</u>
Product Name	Mini-Fit
UPC	800755527933

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	Reel
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-free Process Capability	N/A
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Material Info

Engineering Number	5556-PBGSP
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001-001
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/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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