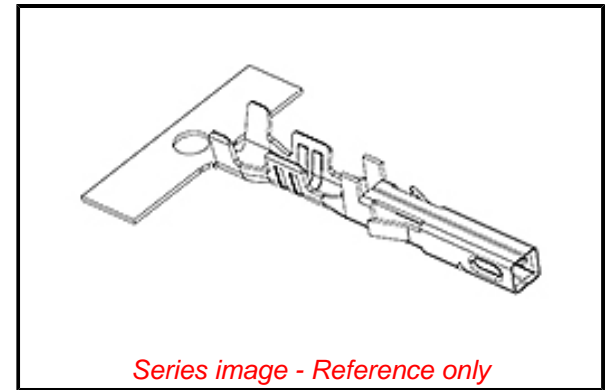


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Part Number: [1727186112](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit TPA2 Female Crimp Terminal, Phosphor Bronze, Pre-Plated Tin (Sn), 22-24 AWG, 1.65-2.38mm Insulation Diameter, Bag

Documents:

Drawing (PDF)	Packaging Specification PK-172718-0001-000 (PDF)
Product Specification PS-172718-0000-001 (PDF)	Test Summary 1727180001-TS-000 (PDF)
Application Specification AS-172718-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-172718-0000-000 (PDF)	



General

Product Family	Crimp Terminals
Series	172718
Application	Power
Comments	See product specification for current derating information. See Mini-Fit TPA2 housing series for 3D models.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Jr. Power Connectors 172718-6111 (Reel)
Product Name	Mini-Fit TPA2
UPC	889056179478

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.210/g
Packaging Type	Bag
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65-2.38mm
Wire Size AWG	22, 24
Wire Size mm ²	N/A

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V AC/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-172718-0000-001
Application Tooling Documents	ATS-2002180200, ATS-2002181200
Packaging Specification	PK-172718-0000-000, PK-172718-0001-000
Product Specification	PS-172718-0000-001
Sales Drawing	SD-172718-0000-000
Test Summary	1727180001-TS-000

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

[172718 Series](#)

Use With

Mini-Fit TPA2 Receptacle Housings [172708](#), [200453](#)

This document was generated on 03/15/2018

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