

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2029885241

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Tin (Sn), 22-24 AWG, 1.07-1.65mm Insulation Diameter, Reel

Documents:

Drawing (PDF)

Product Specification 2029880001-PS-000 (PDF)

Product Specification 2029880002-PS-000 (PDF)

Application Specification 2131370000-AS-000 (PDF)

Application Specification AS-172718-0000-001 (PDF)

Packaging Specification 2029880002-000 (PDF)

Test Summary 2029880001-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

General	
Product Family	Crimp Terminals
Series	202988
Application	Power
Comments	See product specification for current derating information.
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	2029885242 (Bag)
Product Name	Mini-Fit Sigma, Mini-Fit TPA2
UPC	191128369961
Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.191/g
Packaging Type	Reel
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.07-1.65mm
Wire Size AWG	22, 24
Wire Size mm²	N/A
Electrical	
Current - Maximum per Contact	13.5A
Voltage - Maximum	600V AC/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	2131370000-AS-000, AS-172718-0000-001
Packaging Specification	2029880002-000
Product Specification	2029880001-PS-000, 2029880002-PS-000
Sales Drawing	2029880001-000
Test Summary	2029880001-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

D(2021)10043-DC (17

Jan 2022)

Halogen-Free

Status

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

202988 Series

Use With

Mini-Fit TPA2/Sigma Receptacle Housings

172708

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	Product #
Description	
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 22 AWG, Large and Small Insulation Grips	2002180200
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 24 AWG,	2002181200

Large and Small
Insulation Grips
FineAdjust Applicator 639037100
for Mini-Fit TPA2
Crimp Terminals,
0.22mm², 0.25mm²,
0.35 mm² and 22-24
AWG wires

This document was generated on 02/17/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION