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Part Number:

2029883141

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 18-20 AWG, 1.42-2.10mm Insulation Diameter, Reel



Series image - Reference only

Documents:

Drawing (PDF)

Product Specification 2029880001-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)

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	2029883142 (Bag)
Product Name	Mini-Fit Sigma, Mini-Fit TPA2
UPC	191128369800
Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.203/g
Packaging Type	Reel
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.42-2.10mm
Wire Size AWG	18, 20
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
Sales Drawing	2029880001-000
Test Summary	2029880001-TS-000

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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 Description	Product #
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 18 AWG, Large and Small Insulation Grips	2002180100
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 20 AWG,	2002182100

Large and Small
Insulation Grips
FineAdjust Applicator 639036900
for Mini-Fit TPA2
Crimp Terminals,
0.50mm², 0.75mm²
and 18-20 AWG
wires

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