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Part Number: 0039000429
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Bag



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification 55560002-PS-CH-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)
Product Specification PS-51010-007-001 (PDF)
Product Specification PS-5556-001-001 (PDF)
Product Specification PS-5556-002-001 (PDF)
Application Specification 55560001-AS-000 (PDF)
Test Summary 55560010-TS-000 (PDF)
Test Summary TS-5556-002-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000428 (Reel)
Product Name	Mini-Fit
UPC	822348149407

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Engineering Number	5556GSL7F

Reference - Drawing Numbers

Application Specification	55560001-AS-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-51010-007-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5556-006-001
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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
5556 Series

Use With
Mini-Fit Jr. Receptacle Housing 5557
Mini-Fit BMI Slide and Lock Panel Mount 44516
Mini-Fit BMI Panel Mount Receptacle Housing
 42474 , 43760

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 #
Extraction Tool for Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901

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