molex

Part Number : 39000210

Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 28-22 AWG, Bag

Series Number : 5556

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5556-S2PL

Packaging Alternative : 39000209 (Reel)

Documents & Resources

Drawings
039000210_sd.pdf
PK-5556-003-001.pdf

Specifications
55560001-AS-000.pdf
55560002-PS-CH-000.pdf
55560002-PS-ES-000.pdf
55560002-PS-SK-000.pdf
PS-5556-001-001.pdf
PS-5556-002-001.pdf
55560001-TS-000.pdf
55560010-TS-000.pdf
TS-5556-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	⊜
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 28-22 AWG, Bag
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754396059

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.140/g
Packaging Type	Bag
Plating min - Mating	2.540µm

Plating min - Termination	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm²	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	5557
Mini-Fit BMI Dual Row Receptacle Housings	44516
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit BMI Dual Row Receptacle Housings	43760
Mini-Fit Jr. Dual Row Receptacle Housings	46992

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	638191000

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