molex

Part Number : 39000220

Product Description : Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 24-18 AWG, Bag

Series Number : 5558

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5558PBGSL

Packaging Alternative : 39000219 (Reel)

Documents & Resources

Drawings
039000220_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	Not Relevant
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	5558
Description	Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 24-18 AWG, Bag
Application	Power, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754396356

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	126.914/mg
Packaging Type	Bag
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

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Plug Housings	5559
Mini-Fit BMI Dual Row Plug Housings	42475
Mini-Fit Jr. Dual Row Plug Housings	46993

Application Tooling

Global

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

Application Tooling

Japan

Description	Part Number
Handtool (Straight Action)	570225500
Hand Crimp Tool	570265000

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