Part Number : 460182541
Product Description : Mini-Fit Plus High Mating Cycle Female Crimp Terminal, 24-22 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish (CSF) in Contact Area
Series Number : 46018
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

460182541_sd.pdf

PK-46018-001-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

55560002-AS-000.pdf

PS-46018-004-001.pdf

TS-46018-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	46018
Description	Mini-Fit Plus High Mating Cycle Female Crimp Terminal, 24-22 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish (CSF) in Contact Area
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Plus
UPC	822350560450

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Physical

Durability (mating cycles max)	1500
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold

Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	0.051µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.80mm
Wire Size (AWG)	22, 24
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	5557
Mini-Fit TPA Dual Row Receptacle Housings	30067
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit BMI Dual Row Receptacle Housings	44516

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044
Hand Crimp Tool for Mini-Fit Plus Crimp Terminals, 22 AWG, UL 1007 and UL 1061 Wires	2133097300
Hand Crimp Tool for Mini-Fit Plus Crimp Terminals, 24 AWG, UL 1007	2133097400

and UL 1061 Wires	
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	638191000
FineAdjust Applicator for Insulation Diameter 1.30-1.50mm, 28-22 AWG Wire	639002700
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 28-22 AWG	639020200
FineAdjust Applicator for Insulation OD 0.95-1.08mm - 28-22 AWG	639023800
T2 Terminator for Insulation OD 1.30-1.50mm, 28-22 AWG	639102700
T2 Terminator for insulation OD 1.10-1.30mm - 28-22 AWG	639120200
T2 Terminator for Insulation Diameter 0.95-1.08mm, 28-22 AWG	639123800