molex

Part Number : 5016471100
Product Description : 2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Bag
Series Number : 501647
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 5016471000 (Reel)

Documents & Resources

Drawings

5016471100_sd.pdf
3D Models and Design Files

5016471100_stp.zip

Specifications

5016460000-A00.pdf

5016460000-A01.pdf

5016479200-200.pdf

5016461001-PS-001.pdf

PS-501646-001-001.pdf

Tooling Specifications

5016470000-CS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

<u>Compliance Statements</u>
- EU RoHS
- REACH SVHC
- Low-Halogen

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

<u>Substances of Interest</u>
- PFAS

<u>EU RoHS Certificate of Compliance</u>

<u>Additional Product Compliance Information</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	501647
Description	2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Bag
Application	Signal, Wire-to-Board
Product Name	iGrid
UPC	822350087292

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin

Net Weight	48.091/mg
Packaging Type	Bag
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.95-1.50mm
Wire Size (AWG)	22, 24, 26
Wire Size mm²	0.126-0.34

Mates With / Use With

Use with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	501646

Application Tooling

Global

Description	Part Number
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
PremiumGrade Hand Crimp Tool for iGrid Female Terminals, 26-22 AWG and 0.30-0.20mm² Wire	638192300