



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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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 mm ²	0.126-0.34

Use with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	<u>501646</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>638131500</u>
PremiumGrade Hand Crimp Tool for iGrid Female Terminals, 26-22 AWG and 0.30-0.20mm ² Wire	<u>638192300</u>