



Part Number : 5016471100

Series Number : 501647

Product Category : Crimp Terminals

Product Description : 2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 22-26 AWG, Bag

Status : Active

Packaging Alternative : 5016471000 (Reel)

Documents & Resources

Drawings

Drawing 5016471100_sd.pdf

3D Models and Design Files

3D Model 5016471100_stp.zip

Specifications

- Application Specification 5016460000-A00.pdf
- Application Specification 5016460000-A01.pdf
- Packaging Specification 5016479200-200.pdf
- Product Specification 5016461001-PS-001.pdf
- Product Specification PS-501646-001-001.pdf

Tooling Specifications

Crimp Specification 5016470000-CS-000.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

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, 22-26 AWG, Bag
Application	Signal, Wire-to-Board
Product Family	iGrid Wire-to-Board Dual-Row System
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
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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, 22-26 AWG and 0.30-0.20mm ² Wire	<u>638192300</u>