



Part Number : 5016481000

Product Description : 2.00mm Pitch, iGrid
Female Crimp Terminal, Female, Tin (Sn)
Plating, 26-28 AWG, Reel

Series Number : 501648

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 5016481000_sd.pdf

3D Models and Design Files

3D Model 5016481000_stp.zip

Specifications

Application Specification 5016460000-A00.pdf

Application Specification 5016460000-A01.pdf

Packaging Specification 5016489200-SPK-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	Compliant with Exemption 44; 47; 34
China RoHS	
EU ELV	Compliant per 2000/53/EC
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	501648
Description	2.00mm Pitch, iGrid Female Crimp Terminal, Female, Tin (Sn) Plating, 26-28 AWG, Reel
Application	Signal, Wire-to-Board
Product Family	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350357470

Electrical

Current - Maximum per Contact	1.5A
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	46.220/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.85-1.40mm
Wire Size (AWG)	26, 28

Wire Size mm ²	0.079-0.136
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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>
Extraction and Activation Tool	<u>638132700</u>
Hand Crimp Tool for 2.00mm Pitch Wire-to-Board Crimp Terminals, 26-28 AWG Wire	<u>638192400</u>
T2 Terminator Tooling Die	<u>638518100</u>
FineAdjust Applicator	<u>638618100</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for iGrid Terminals, 26-28 AWG	<u>5780213710</u>