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Part Number: 5016481000
Status: Active
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch, iGrid Female Crimp Terminal, Female, Tin (Sn) Plating, 26-28 AWG, Reel



Series image - Reference only

Documents:

- Drawing (PDF)
- 3D Model (PDF)
- 3D Model
- Product Specification 5016461001-PS-001 (PDF)
- Product Specification PS-501646-001-001 (PDF)
- Application Specification 5016460000-A00 (PDF)
- Packaging Specification 5016489200-SPK-200 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	501648
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350357470

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	76.000/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.85-1.40mm
Wire Size AWG	26, 28
Wire Size mm²	0.079-0.136

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5016460000-A00
Crimp Specification	5016470000-CS-000
Packaging Specification	5016489200-SPK-200
Product Specification	5016461001-PS-001, PS-501646-001-001
Sales Drawing	5016480000-SD-000, SD-501648-001-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
501648 Series

Use With
iGrid Receptacle Housing 501646

Application Tooling | **FAQ**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
Extraction and Activation Tool	638132700
Hand Crimp Tool for 2.00mm Pitch Wire-to-Board Crimp	638192400

Terminals, 26-28 AWG Wire	
T2 Terminator Tooling Die	638518100
FineAdjust Applicator	638618100

Japan

Description	Product #
Applicator for M211A Bench Press, 22-26 AWG Wire	5780213000
S-1 Applicator for iGrid Terminals, 26-28 AWG	5780213710

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