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Part Number: **5016471000**
Status: **Active**
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch, iGrid Female Crimp Terminal, Tin (Sn) Plating, 22-26 AWG, Reel

Documents:

Drawing (PDF)	Application Specification 5016460000-A00 (PDF)
3D Model	Packaging Specification 5016479200-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 5016461001-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-501646-001-001 (PDF)	



General

Product Family	Crimp Terminals
Series	501647
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	iGrid Wire-to-Board Dual-Row System
Packaging Alternative	5016471100 (Loose)
Product Name	iGrid
UPC	822350087308

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	0.95-1.50mm
Wire Size AWG	22, 24, 26
Wire Size mm ²	0.124-0.34

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	5016460000-A00
Crimp Specification	5016470000-CS-000
Packaging Specification	5016479200-200
Product Specification	5016461001-PS-001, PS-501646-001-001
Sales Drawing	5016470000-SD-000, SD-501647-001-001

EU ELV

Compliant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

501647 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 [638131500](#)

MX150L, MX150, PT

Bulb Socket, iGrid,

SPOX, and Wire-to-

Motor Terminals

PremiumGrade Hand[638192300](#)

Crimp Tool for iGrid

Female Terminals,

22-26 AWG and

0.30-0.20mm² Wire

T2 Terminator 638587000
Tooling Die
FineAdjust Applicator 638687000
for iGrid Receptacle
Terminals,
22-26 AWG with
Insulation Diameter
0.95-1.50mm
UL1007 wire

Japan

Description **Product #**

Applicator for M211A 5780213000
Bench Press, 22-26
AWG Wire
S-1 Applicator for 5780213700
iGrid Terminals,
22-26 AWG,
0.20-0.30 KV

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