

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

3D Model	Application Specification 5016460000-A01 (PDF)
Drawing (PDF)	Packaging Specification 5016489200-SPK-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-501646-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 5016460000-A00 (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 mm ²	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, 5016460000-A01
Crimp Specification	5016470000-CS-000
Packaging Specification	5016489200-SPK-200
Product Specification	PS-501646-001-001
Sales Drawing	SD-501648-001



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

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 #
Manual Extraction Tool	638131500
Extraction and Activation Tool	638132700
Hand Crimp Tool for 2.00mm Pitch Wire-to-Board Crimp Terminals, 26-28 AWG Wire	638192400
T2 Terminator Tooling Die	638518100

FineAdjust Applicator 638618100

Japan

Description **Product #**

Applicator for M211A 5780213000

Bench Press, 22-26

AWG Wire

S-1 Applicator for 5780213710

iGrid Terminals,

26-28 AWG

This document was generated on 07/14/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION