



**Part Number :** [5016481000](#)

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

**Series Number :** 501648

**Status :** Active

**Product Category :** Crimp Terminals



---

## Documents & Resources

### Drawings

[5016481000\\_sd.pdf](#)

### 3D Models and Design Files

[5016481000\\_stp.zip](#)

### Specifications

[5016460000-A00.pdf](#)

[5016460000-A01.pdf](#)

[5016489200-SPK-200.pdf](#)

[5016461001-PS-001.pdf](#)

[PS-501646-001-001.pdf](#)

### Tooling Specifications

[5016470000-CS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 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)6225-DC (07 Nov 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, 28-26 AWG, Reel
Application	Signal, Wire-to-Board
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 <sup>2</sup>	0.079-0.136
---------------------------	-------------

---

### 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, 28-26 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, 28-26 AWG	<u>5780213710</u>

---

This document was generated on Mar 03, 2025

单击下面可查看定价，库存，交付和生命周期等信息

[>>MOLEX](#)