

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [501648-1000](#)
Status: **Active**
Overview: [iGrid™](#)
Description: 2.00mm Pitch iGrid™ Wire-to-Board Crimp Terminal, Female, 26-28 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501646-001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	501648
Application	Signal
Crimp Quality Equipment	Yes
Overview	iGrid™
Product Name	iGrid™
UPC	822350357470

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Copper Alloy
Material - Plating Mating	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

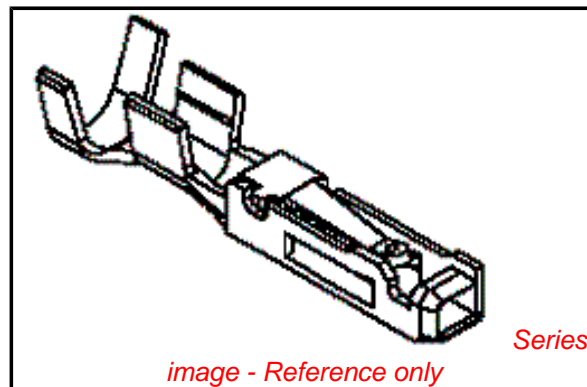
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-501646-001, RPS-501646-001, RPS-501646-002, RPS-501646-006, RPS-501646-007, RPS-501646-008, RPS-501646-010, RPS-501646-011
Sales Drawing	SD-501648-001



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[501648Series](#)

Mates With

[501645 Vertical Header](#) . [501676 Right Angle Header](#)

Use With

[501646 Receptacle Housing](#)

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	0638131500
T2 Terminator Tooling Die	0638518100
Hand Crimp Tool for 2.00mm Pitch	0638192400

Wire-to-Board Crimp
Terminals, 26-28
AWG Wire
FineAdjust™ 0638618100
Applicator

Japan
Description **Product #**

Applicator for M211A 5780213000
Bench Press, 22-26

AWG Wire
Side-Feed Applicator 5780213200

for Fully-Auto
Machine, 22-26

AWG Wire
Hand Crimp Tool - 5780215400

Straight Action

This document was generated on 02/11/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION