

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [501647-1000](#)
Status: **Active**
Overview: [iGrid™](#)
Description: 2.00mm Pitch iGrid™ Wire-to-Board Crimp Terminal, Female, 22-26 AWG, Reel

Documents:

[3D Model](#) [Product Specification PS-501646-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [501647](#)
 Application Signal
 Crimp Quality Equipment Yes
 Overview [iGrid™](#)
 Product Name [iGrid™](#)

Physical

Durability (mating cycles max) 30
 Gender Receptacle
 Material - Metal Copper Alloy
 Material - Plating Mating Tin
 Packaging Type Reel
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 0.95-1.50mm
 Wire Size AWG 22, 24, 26
 Wire Size mm² 0.124-0.34

Electrical

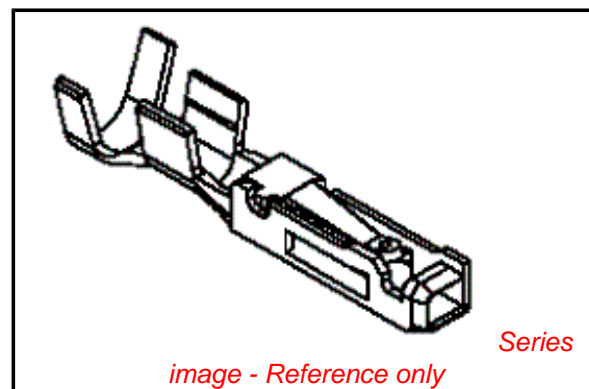
Current - Maximum per Contact 2A
 Voltage - Maximum 250V AC (RMS)/DC

Material Info

UPC 822350087308

Reference - Drawing Numbers

Product Specification PS-501646-001, RPS-501646-001, RPS-501646-002, RPS-501646-003, RPS-501646-004, RPS-501646-005, RPS-501646-006, RPS-501646-007, RPS-501646-008
 Sales Drawing SD-501647-001



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
Low-Halogen Status
Not Reviewed

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

[501647Series](#)

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 #
Hand Crimp Tool for 2.00mm Pitch Wire-to-Board Terminals	0638192300
FineAdjust™ Applicator	0638687000

T2 Terminator	<u>0638587000</u>
Tooling Die	
Manual Extraction	<u>0638131500</u>
Tool	

Japan

Description	Product #
--------------------	------------------

Applicator for M211A	<u>5780213000</u>
----------------------	-------------------

Bench Press, 22-26

AWG Wire

Side-Feed Applicator	<u>5780213200</u>
----------------------	-------------------

for Fully-Auto

Machine, 22-26

AWG Wire

This document was generated on 06/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION