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

Documents:

[3D Model](#) [Packaging Specification 5016479200 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501646-001 \(PDF\)](#)

General

Product Family Crimp Terminals
Series [501647](#)
Application Signal
Crimp Quality Equipment Yes
Overview iGrid™ Wire-to-Board Dual-Row System
Packaging Alternative [501647-1100 \(Loose\)](#)
Product Name iGrid™
UPC 822350087308

Physical

Durability (mating cycles max) 30
Gender Female
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 0.95-1.50mm
Wire Size AWG 22, 24, 26
Wire Size mm² 0.124-0.34

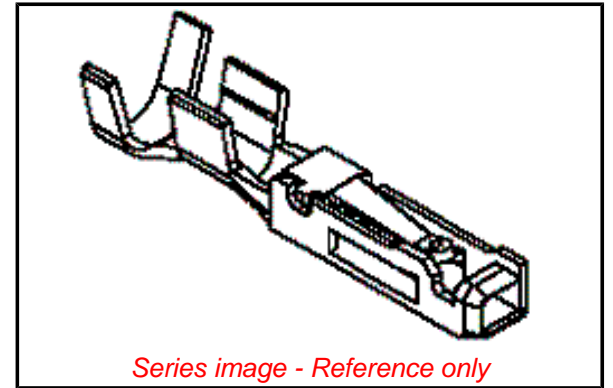
Electrical

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

Material Info

Reference - Drawing Numbers

Crimp Specification CS-501647-001
Packaging Specification 5016479200
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, RPS-501646-011, RPS-501646-012, RPS-501646-013, RPS-501646-014, RPS-501646-015, RPS-501646-017, RPS-501646-018
Sales Drawing SD-501647-001



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[501647 Series](#)

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 [0638192300](#)
2.00mm Pitch Wire-to-Board Terminals

Manual Extraction Tool	<u>0638131500</u>
T2 Terminator Tooling Die	<u>0638587000</u>
FineAdjust™ Applicator	<u>0638687000</u>

Japan	
Description	Product #

Applicator for M211A Bench Press, 22-26 AWG Wire	<u>5780213000</u>
Side-Feed Applicator for Fully-Auto Machine, 22-26 AWG Wire	<u>5780213200</u>

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