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Part Number: 501876-1640
Status: Active
Overview: iGrid™ Wire-to-Board Dual-Row System
Description: 2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Right Angle, 16 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-501646-001 \(PDF\)](#)
[Packaging Specification SPK-501876-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series 501876
Application Signal, Wire-to-Board
MolexKits Yes
Overview iGrid™ Wire-to-Board Dual-Row System
Product Name iGrid™
UPC 822350170901

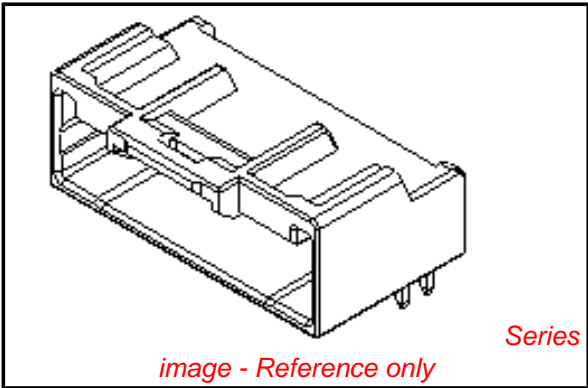
Physical

Breakaway No
Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Natural
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant No
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 1892.000/mg
Number of Rows 2
Orientation Right Angle
PC Tail Length 3.20mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.20mm, 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.00mm
Polarized to Mating Part Yes
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Through Hole

Electrical

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

Material Info



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



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
501876Series

Mates With
501646 Housing, 501647 Crimp Terminal
22-26 AWG, 501648 Crimp Terminal 26-28 AWG

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-501876-001
PS-501646-001, RPS-501646-001, RPS-501646-002,
RPS-501646-003, RPS-501646-004, RPS-501646-005,
RPS-501646-006, RPS-501646-007
SD-501876-001

Sales Drawing

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