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Part Number:

501876-1440

Status:

Active

Overview:

iGrid™ Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Right Angle, 14 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

Series

Application

MolexKits

Overview

Product Name

UPC

PCB Headers

501876

Signal, Wire-to-Board

Yes

iGrid™ Wire-to-Board Dual-Row System

iGrid™

822350170895

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

14

14

Natural

30

94V-0

No

Yes

Yes

Brass

Tin

Tin

Nylon

1692.500/mg

2

Right Angle

3.20mm

No

None

1.20mm, 1.60mm

Tray

2.00mm

Yes

No

No

No

-25°C to +85°C

Through Hole

Electrical

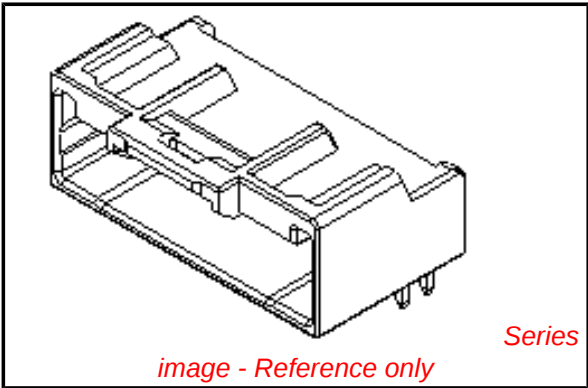
Current - Maximum per Contact

Voltage - Maximum

2A

250V AC (RMS)/DC

Material Info



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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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