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Part Number:

501876-3640

Status:

Active

Overview:

iGrid™ Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Right Angle, 36 Circuits

Documents:

3D Model

Packaging Specification SPK-501876-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-501646-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

501876

Application

Signal, Wire-to-Board

Overview

iGrid™ Wire-to-Board Dual-Row System

Product Name

iGrid™

UPC

822350323864

Physical

Breakaway

No

Circuits (Loaded)

36

Circuits (maximum)

36

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

3887.000/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

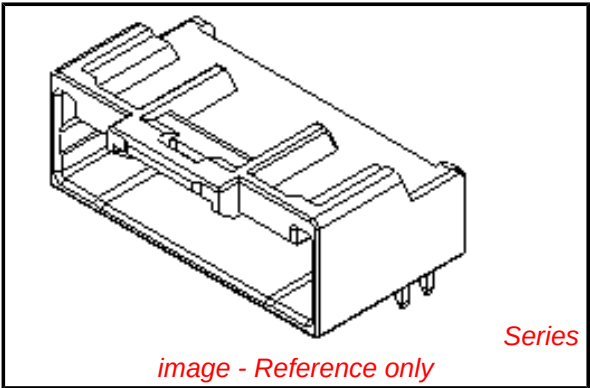
Current - Maximum per Contact

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

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

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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