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Part Number:

5016452420

Status:

Active

Overview:

[igrid](#)

Description:

2.00mm (.079") Pitch iGrid™ Wire-to-Board Header, Dual Row, Vertical, with PCB Locator, 24 Circuits, Lead-free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-501646-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

PCB Headers

Series

501645

Application

Wire-to-Board

MolexKits

Yes

Overview

[igrid](#)

Product Name

iGrid™

Physical

Breakaway

No

Circuits (Loaded)

24

Color - Resin

Natural

Durability (mating cycles max)

30

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

Number of Rows

2

Orientation

Vertical

PC Tail Length (in)

0.126 In

PC Tail Length (mm)

3.20 mm

PCB Locator

Yes

PCB Retention

None

PCB Thickness Recommended (in)

0.047 In, 0.063 In

PCB Thickness Recommended (mm)

1.20 mm, 1.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

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

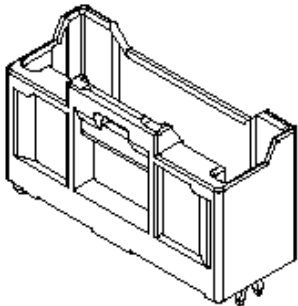
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-501645-001



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

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

501645Series

Mates With

501646 Housing. 501647 Crimp Terminal 22-26 AWG. 501648 Crimp Terminal 26-28 AWG

Product Specification

Sales Drawing

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-501645-001

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