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Part Number:

5016451420

Status:

Active

Overview:

igrid

Description:

2.00mm (.079") Pitch iGrid™ Wire-to-Board Header, Dual Row, Vertical, with PCB Locator, 14 Circuits, Lead-free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501646-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

MolexKits

Overview

Product Name

PCB Headers

501645

Wire-to-Board

Yes

igrid

iGrid™

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

14

Natural

30

No

Yes

Yes

Brass

Tin

Tin

Nylon

2

Vertical

0.126 In

3.20 mm

Yes

None

0.047 In, 0.063 In

1.20 mm, 1.60 mm

Tray

0.079 In

2.00 mm

Yes

Yes

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

2A

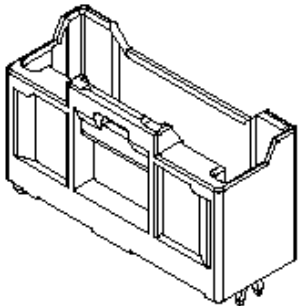
250V AC (RMS)/DC

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

Not Reviewed

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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