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Part Number:

5016451420

Status:

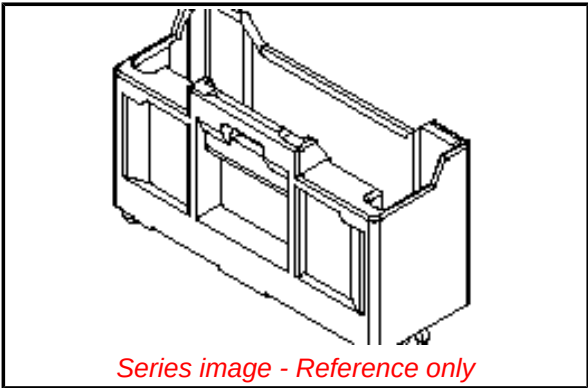
Active

Overview:

iGrid™ Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Vertical, with PCB Locator, 14 Circuits



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501646-001 (PDF)

Packaging Specification SPK-501645-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

MolexKits

Overview

Product Name

UPC

PCB Headers

501645

Signal, Wire-to-Board

Yes

iGrid™ Wire-to-Board Dual-Row System

iGrid™

822350201407

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

923.600/mg

2

Vertical

3.20mm

Yes

None

1.20mm, 1.60mm

Tray

2.00mm

Yes

Yes

No

No

-40°C to +105°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

2.0A

250V AC (RMS)/DC

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

501645 Series

Mates With

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

Reference - Drawing Numbers

Packaging Specification
Product Specification

SPK-501645-001
PS-501646-001, RPS-501646-001, RPS-501646-002,
RPS-501646-003, RPS-501646-004, RPS-501646-005,
RPS-501646-006, RPS-501646-007, RPS-501646-008,
RPS-501646-016, RPS-501646-018, RPS-501646-019
SD-501645-001

Sales Drawing

This document was generated on 04/18/2016

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