

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

501645-2020

Status:

Active

Overview:

iGrid™

Description:

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Vertical, with PCB Locator, 20 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

UPC

PCB Headers

501645

Signal, Wire-to-Board

Yes

iGrid™

iGrid™

822350299183

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

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

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

20

20

Natural

30

No

Yes

Yes

Brass

Tin

Tin

Nylon

1238.000/mg

2

Vertical

3.20mm

Yes

None

1.20mm, 1.60mm

Tray

2.00mm

Yes

Yes

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

2A

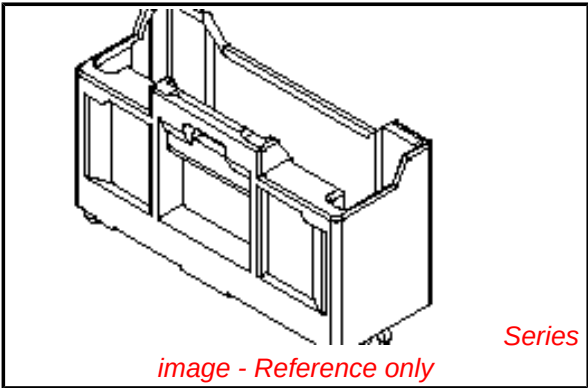
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-501646-001, RPS-501646-001, RPS-501646-002, RPS-501646-003, RPS-501646-004, RPS-501646-005,



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen



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

This document was generated on 02/04/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION