

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5016452620

Status:

Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Vertical, Through Hole, Tin (Sn) Plating, Positive Lock, 26 Circuits, Tray, 3.20mm PC Tail Length, Natural, with PCB Locator

- Documents:
- 3D Model

Application Specification 5016460000-A01 (PDF)
- Drawing (PDF)

Packaging Specification SPK-501645-001-001 (PDF)
- 3D Model (PDF)

Datasheet (PDF)
- Product Specification PS-501646-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 5016460000-A00 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

501645

Application

Signal, Wire-to-Board

Overview

iGrid Wire-to-Board Dual-Row System

Product Name

iGrid

UPC

822350201704

Physical

Breakaway

No

Circuits (Loaded)

26

Circuits (maximum)

26

Color - Resin

Natural

Durability (mating cycles max)

30

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

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

1552.400/mg

Number of Rows

2

Orientation

Vertical

PC Tail Length

3.20mm

PCB Locator

Yes

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

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

501645 Series

Mates With

iGrid Receptacle Housing 501646

Current - Maximum per Contact

2.0A

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5016460000-A00, 5016460000-A01

Packaging Specification

SPK-501645-001-001

Product Specification

PS-501646-001-001

Sales Drawing

5016450000-SD-000, SD-501645-001

This document was generated on 07/14/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION