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Part Number:

5018763040

Status:

Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, Tin (Sn) Plating, Positive Lock, 30 Circuits, Tray, 3.20mm PC Tail Length, Natural

Documents:

- Drawing (PDF)

3D Model

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

Application Specification 5016460000-A00 (PDF)
- Application Specification 5016460000-A01 (PDF)

Packaging Specification SPK-501876-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

501876

3D Viewer

Yes

Application

Signal, Wire-to-Board

CURRENT-MAX-NUMERIC

2.0

Overview

iGrid Wire-to-Board Dual-Row System

PITCH-MATING-NUMERIC

2.00

Product Name

iGrid

UPC

822350171069

Physical

Breakaway

No

Circuits (Loaded)

30

Circuits (maximum)

30

Color - Resin

Natural

Durability (mating cycles max)

30

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

3288.500/mg

Number of Rows

2

Orientation

Right Angle

PC Tail Length

3.20mm

PCB Locator

No

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

No

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

501876 Series

Mates With

iGrid Receptacle Housing 501646

Electrical

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-501876-001-001
Product Specification	PS-501646-001-001
Sales Drawing	5018760000-SD-000, SD-501876-001

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