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Part Number:

5018764040

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, 40 Circuits, Tray, 3.20mm PC Tail Length, Natural

Documents:

- Drawing (PDF)

Application Specification 5016460000-A00 (PDF)
- 3D Model

Application Specification 5016460000-A01 (PDF)
- 3D Model (PDF)

Packaging Specification SPK-501876-001-001 (PDF)
- Product Specification 5016461001-PS-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

501876

Application

Signal, Wire-to-Board

Component Type

PCB Header

Overview

iGrid Wire-to-Board Dual-Row System

Product Name

iGrid

Taxonomy

PCB Headers and Receptacles

UPC

822350171083

Physical

Breakaway

No

Circuits (Loaded)

40

Circuits (maximum)

40

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

2990.000/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)

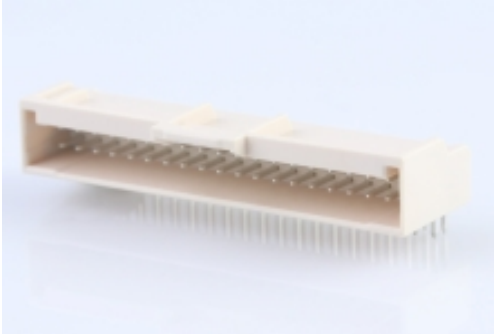
No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

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	5016461001-PS-001, PS-501646-001-001
Sales Drawing	5018760000-SD-000

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