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Part Number: [2086591040](#)
Status: **Active**
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, 0.10µm Gold (Au) Plating, Positive Lock, 10 Circuits, Tray, 3.20mm PC Tail Length, Natural

Documents:

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 5016460000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification 2086599200-SPK-200 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [208659](#)
 Application Signal, Wire-to-Board
 Overview [iGrid Wire-to-Board Dual-Row System](#)
 Product Name iGrid
 UPC 193264111213

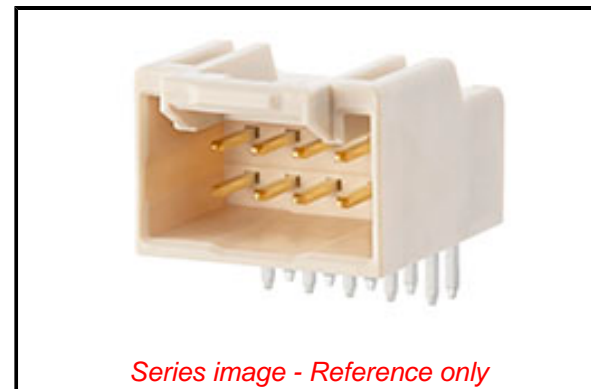
Physical

Breakaway No
 Circuits (Loaded) 10
 Circuits (maximum) 10
 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 Gold
 Material - Resin Polyamide
 Net Weight 965.000/mg
 Number of Rows 2
 Orientation Right Angle
 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
 Plating min - Mating 0.102µm
 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

Current - Maximum per Contact 2.0A
 Voltage - Maximum 250V AC (RMS)/DC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

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

[208659](#) Series

Mates With

iGrid Receptacle Housing [501646](#)

Reference - Drawing Numbers

Packaging Specification

2086599200-SPK-200

Product Specification

5016460000-PS-000

Sales Drawing

2086590000-SD-000

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