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**Part Number:** [2086593041](#)  
**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, 30 Circuits, Tray, 3.20mm PC Tail Length, Black

**Documents:**

[3D Model](#) [Datasheet \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**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 193264111824

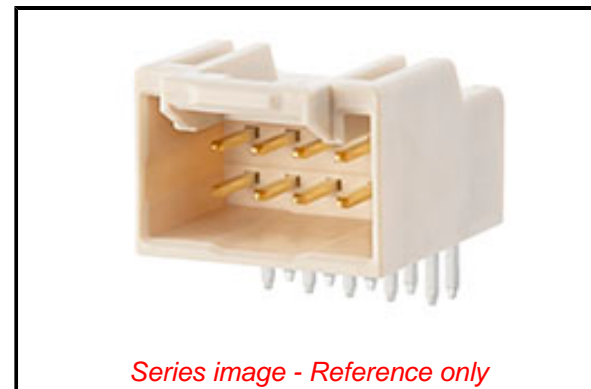
**Physical**

Breakaway No  
 Circuits (Loaded) 30  
 Circuits (maximum) 30  
 Color - Resin Black  
 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 2315.000/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 -  
 D(2020)4578-DC (25  
 June 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](#)

This document was generated on 08/03/2020

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