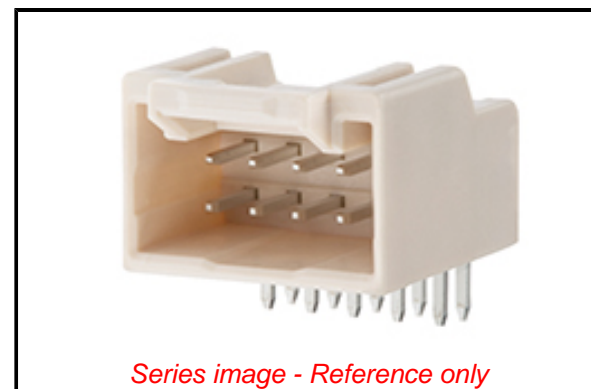


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5018761040**  
**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, 10 Circuits, Tray, 3.20mm PC Tail Length, Natural

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 5016460000-A01 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-501876-001-001 (PDF)</a>
<a href="#">Product Specification PS-501646-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 5016460000-A00 (PDF)</a>	



*Series image - Reference only*

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">501876</a>
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	2.0
Overview	<a href="#">iGrid Wire-to-Board Dual-Row System</a>
PITCH-MATING-NUMERIC	2.00
Product Name	iGrid
UPC	822350170871

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	1293.500/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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
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  
Voltage - Maximum

2.0A  
250V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

5016460000-A00, 5016460000-A01  
SPK-501876-001-001  
PS-501646-001-001  
5018760000-SD-000, SD-501876-001

This document was generated on 09/30/2019

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