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Part Number: [5018763640](#)
Status: **Active**
Overview:
Description: 2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, Tin (Sn) Plating, Positive Lock, 36 Circuits, Tray, 3.20mm PC Tail Length, Natural

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	501876
Application	Signal, Wire-to-Board
Overview	igrid
Product Name	iGrid
Taxonomy	PCB Headers and Receptacles
UPC	822350323864

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
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	2720.000/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

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

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501876](#) Series

Mates With

iGrid Receptacle Housing [501646](#)

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