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Part Number:

5030911421

Status:

Active

Overview:

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Vertical, Through Hole, Gold (Au) Plating, Positive Lock, 14 Circuits, Tray, 3.20mm PC Tail Length, Black, with PCB Locator

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	503091
Application	Signal, Wire-to-Board
Overview	igrid
Product Name	iGrid
Taxonomy	PCB Headers and Receptacles
UPC	800756915944
Physical	
Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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 - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	830.000/mg
Number of Rows	2
Orientation	Vertical
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	0.100µm
Plating min - Termination	0.100µm
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
Unmated Height	12.00mm
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

503091 Series

Mates With

iGrid Receptacle Housing 501646

Reference - Drawing Numbers

Application Specification	5016460000-A00, 5016460000-A01
Packaging Specification	5030919200-SPK-200
Product Specification	5016460000-PS-000, 5016461000-PS-000
Sales Drawing	5030910000-SD-000

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