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Part Number:

5030912821

Status:

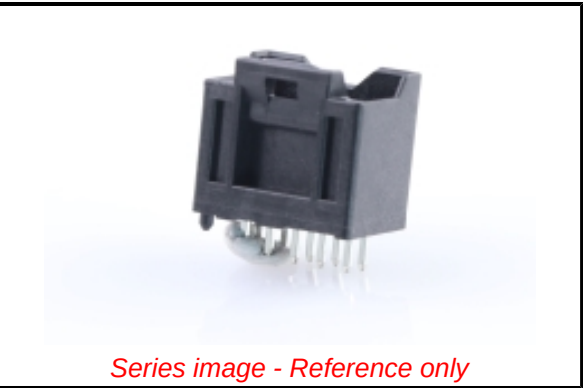
Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Vertical, Through Hole, Gold (Au) Plating, Positive Lock, 28 Circuits, Tray, 3.20mm PC Tail Length, Black, with PCB Locator



Documents:	
3D Model	Application Specification 5016460000-A00 (PDF)
Drawing (PDF)	Application Specification 5016460000-A01 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 5016460000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	503091
Application	Signal, Wire-to-Board
Overview	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
Taxonomy	PCB Headers and Receptacles
UPC	800756916019
Physical	
Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
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	1630.000/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

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

Unmated Height	12.00mm
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	5016460000-A00, 5016460000-A01
Product Specification	5016460000-PS-000
Sales Drawing	5030910000-SD-000

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