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Part Number:

5016452220

Status:

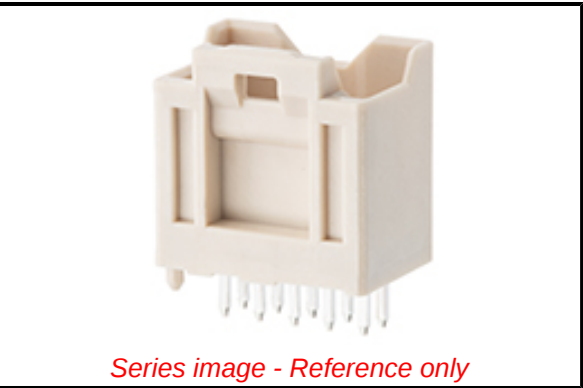
Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid Wire-to-Board Header, Dual Row, Vertical, Tin (Sn) Plating, with PCB Locator, 22 Circuits



Series image - Reference only

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-501646-001-001 \(PDF\)](#)

[Application Specification 5016460000-A00 \(PDF\)](#)

[Application Specification 5016460000-A01 \(PDF\)](#)

[Packaging Specification SPK-501645-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		501645
Application		Signal, Wire-to-Board
Overview		iGrid Wire-to-Board Dual-Row System
Product Name		iGrid
UPC		822350298711

Physical		
Breakaway		No
Circuits (Loaded)		22
Circuits (maximum)		22
Color - Resin		Natural
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		Tin
Material - Plating Termination		Tin
Material - Resin		Nylon
Net Weight		1342.800/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
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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
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

501645 Series

Mates With

501646 Housing

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5016460000-A00, 5016460000-A01

Packaging Specification

SPK-501645-001-001

Product Specification

PS-501646-001-001

Sales Drawing

SD-501645-001

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