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Part Number:

2086593440

Status:

Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, 0.10µm Gold (Au) Plating, Positive Lock, 34 Circuits, Tray, 3.20mm PC Tail Length, Natural

Documents:	
3D Model	Product Specification 5016461000-PS-000 (PDF)
Drawing (PDF)	Packaging Specification 2086599200-SPK-200 (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		208659
Application		Signal, Wire-to-Board
Overview		iGrid Wire-to-Board Dual-Row System
Product Name		iGrid
UPC		193264111930

Physical		
Breakaway		No
Circuits (Loaded)		34
Circuits (maximum)		34
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		Gold
Material - Resin		Polyamide
Net Weight		2585.000/mg
Number of Rows		2
Orientation		Right Angle
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		0.102µm
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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

208659 Series

Mates With

iGrid Receptacle Housing 501646

Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	2086599200-SPK-200
Product Specification	5016460000-PS-000, 5016461000-PS-000
Sales Drawing	2086590000-SD-000

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