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Part Number:

5018761640

Status:

Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, Tin (Sn) Plating, Positive Lock, 16 Circuits, Tray, 3.20mm PC Tail Length, Natural

Documents:

Drawing (PDF)	Application Specification 5016460000-A00 (PDF)
3D Model	Application Specification 5016460000-A01 (PDF)
3D Model (PDF)	Packaging Specification SPK-501876-001-001 (PDF)
Product Specification 5016461001-PS-001 (PDF)	Datasheet (PDF)
Product Specification PS-501646-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	501876
Application	Signal, Wire-to-Board
Overview	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
Taxonomy	PCB Headers and Receptacles
UPC	822350170901

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	1370.000/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



Series image - Reference only

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

501876 Series

Mates With

iGrid Receptacle Housing 501646

Current - Maximum per Contact
Voltage - Maximum

2.0A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification
Sales Drawing

5016460000-A00, 5016460000-A01
SPK-501876-001-001
5016461001-PS-001, PS-501646-001-001
5018760000-SD-000

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