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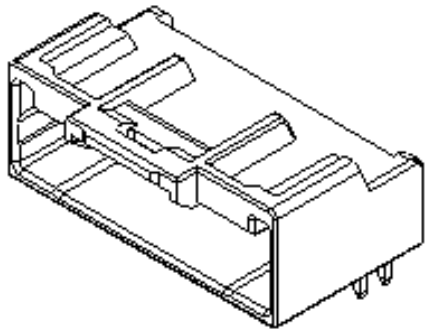
Part Number: 5018763240
Status: Active
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch iGrid Wire-to-Board Header, Dual Row, Right Angle, 32 Circuits



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-501876-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	501876
Application	Signal, Wire-to-Board
Made From	5018730028, 5018740028, 5018753220
Overview	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350323765

Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
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	3488.000/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°C to +105°C
Temperature Range NonOperating	-25°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
501876 Series

Mates With
501646 Housing, 501647 Crimp Terminal 22-26 AWG, 501648 Crimp Terminal 26-28 AWG

Material Info

Reference - Drawing Numbers

Application Specification	5016460000-A00, 5016460000-A01
Packaging Specification	SPK-501876-001-001
Product Specification	PS-501646-001-001
Sales Drawing	SD-501876-001

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