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Part Number:

5016453420

Status:

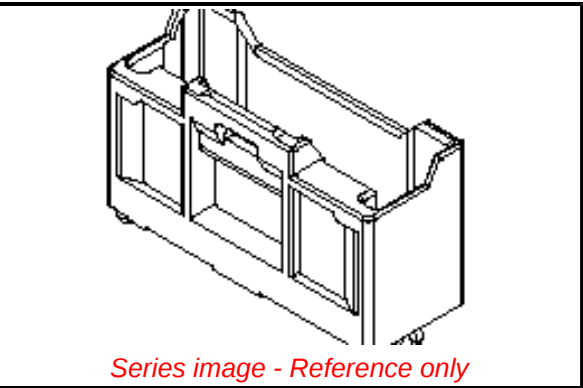
Active

Overview:

iGrid™ Wire-to-Board Dual-Row System

Description:

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Vertical, with PCB Locator, 34 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-501646-001-001 (PDF)

Packaging Specification SPK-501645-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
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	822350202008
Physical	
Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	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	1971.600/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°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

501645 Series

Mates With

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

Reference - Drawing Numbers

Packaging Specification	SPK-501645-001-001
Product Specification	PS-501646-001-001
Sales Drawing	SD-501645-001

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