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Part Number:

5016464001

Status:

Active

Overview:

iGrid Wire-to-Board Dual-Row System

Description:

2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 40 Circuits, Black

Documents:	
3D Model	Product Specification PS-501646-001-001 (PDF)
Drawing (PDF)	Application Specification 5016460000-A00 (PDF)
3D Model (PDF)	Application Specification 5016460000-A01 (PDF)
Product Specification 5016460000-PS-000 (PDF)	Packaging Specification 5016469200-200 (PDF)
Product Specification 5016461000-PS-000 (PDF)	Datasheet (PDF)
Product Specification 5016461001-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Crimp Housings
Series	501646
Application	Signal, Wire-to-Board
Overview	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	822350100533
Physical	
Circuits (maximum)	40
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1110.000/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Electrical	
Current - Maximum per Contact	2.0A
Material Info	
Cross-Plant Material Status	LT
Reference - Drawing Numbers	
Application Specification	5016460000-A00, 5016460000-A01
Packaging Specification	5016469200-200
Product Specification	5016460000-PS-000, 5016461000-PS-000, 5016461001-PS-001, PS-501646-001-001
Sales Drawing	SD-501646-001



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

501646 Series

Mates With

iGrid Vertical Header (Tin) [501645](#) , (Gold) [503091](#) . iGrid Right-Angle Header (Tin) [501876](#) . iGrid Right-Angle Header (Gold) [208659](#)

Use With

iGrid Receptacle Terminal (Tin) 22-26 AWG [501647](#) , 26-28 AWG [501648](#) . iGrid Receptacle Terminal (Gold) [503095](#)

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