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Part Number: [5016463800](#)
Status: **Active**
Overview: iGrid Wire-to-Board Dual-Row System
Description: 2.00mm Pitch, iGrid Receptacle Crimp Housing, Dual Row, Positive Lock, 38 Circuits, Natural

Documents:	
3D Model	Product Specification PS-501646-001-001 (PDF)
3D Model (PDF)	Application Specification 5016460000-A00 (PDF)
Drawing (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	822350087278

Physical	
Circuits (maximum)	38
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1060.000/mg
Number of Rows	2
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

Material Info

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-501646-001-001



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	
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
[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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