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Part Number: **5016461800**
Status: **Active**
Overview: iGrid™ Wire-to-Board Dual-Row System
Description: 2.00mm Pitch iGrid™ Wire-to-Board Housing, Dual Row, Positive Lock, 18 Circuits

Documents:

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

Agency Certification

UL E29179

General

Product Family	Crimp Housings
Series	<u>501646</u>
Application	Signal, Wire-to-Board
MolexKits	Yes
Overview	<u>iGrid™ Wire-to-Board Dual-Row System</u>
Product Name	iGrid™
UPC	822350087179

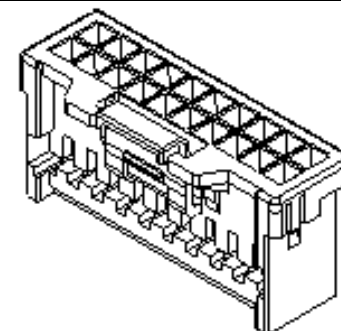
Physical

Circuits (maximum)	18
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	560.000/mg
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Material Info

Reference - Drawing Numbers

Application Specification	5016460000-A00, 5016460000-A01
Packaging Specification	5016469200-200
Product Specification	PS-501646-001-001
Sales Drawing	SD-501646-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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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

501646 Series

Mates With

501645 Vertical Header . 501876 Right
Angle Header

Use With

501647 22-26 AWG Terminal . 501648
26-28 AWG Terminal