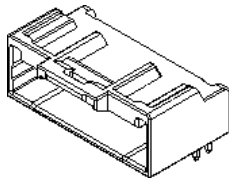


**Part Number: 501876-2830**

2.00mm Pitch iGrid™ Wire-to-Board Header, Dual Row, Right Angle, with Kinked PC Tails, 28 Circuits



Series image - Reference only

<b>Status:</b>	<b>OBSOLETE</b>
<b>Replacement:</b>	Contact Molex
<b>Series:</b>	501876
<b>Category:</b>	PCB Headers
<b>Overview:</b>	iGrid™

**Mates With Part(s):**

501646 Housing

**Product Environmental Compliance**

EU RoHS: ELV and RoHS Compliant



China RoHS: Not Reviewed

REACH SVHC: Not Reviewed

Low-Halogen Status: Not Reviewed

**Part Detail****General**

<b>Status</b>	<b>Obsolete</b>
Category	PCB Headers
Series	501876
Application	Signal, Wire-to-Board
Overview	iGrid™
Product Name	iGrid™

**Physical**

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Locator	No
PCB Retention	Yes
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	-25°C to +85°C

**Electrical****(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

UPC	822350304153
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**Reference - Drawing Numbers**

Product Specification	PS-501646-001, RPS-501646-006, RPS-501646-007
Sales Drawing	SD-501876-002

**Application Tooling**

Tooling specifications and manuals are

found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

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**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)