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**Part Number:** [2043650010](#)  
**Status:** **Active**  
**Overview:** [Sentrality Pin and Socket Interconnect System](#)  
**Description:** Sentrality 8.00mm Top-entry, Surface Mount Socket Assembly with +/-1.00mm Self-alignment Capability in Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2043650010-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 2043130008-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 2043131234-TS-000 (PDF)</a>
<a href="#">Product Specification 2043130001-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 2043130001-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">204365</a>
Application	Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power
Comments	Current and voltage performances are dependent upon application variables.
Overview	<a href="#">Sentrality Pin and Socket Interconnect System</a>
Product Name	Sentrality
Taxonomy	PCB Headers and Receptacles
UPC	191128468695

**Physical**

Circuits (Loaded)	1
Circuits (maximum)	1
Diameter	8.00mm
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	Yes
Height Above Board	5.17mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Silver
Mating Orientation	Top-entry
Net Weight	7.700/g
Number of Rows	1
Orientation	Vertical
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	N/A
Polarized to PCB	No
Temperature Range - Operating	-40° to +125°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	200.0A
Voltage - Maximum	600V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2043130001-AS-000
Packaging Specification	2043650010-PK-000
Product Specification	2043130001-PS-000
Sales Drawing	2043650010-SD-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[204365](#) Series

**Mates With**

8.00mm Male Pin [203263](#)

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