

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

3D Model	Packaging Specification 2043650010-PK-000 (PDF)
3D Model (PDF)	Test Summary 2043130008-TS-000 (PDF)
Drawing (PDF)	Test Summary 2043131234-TS-000 (PDF)
Product Specification 2043130001-PS-000 (PDF)	Datasheet (PDF)
Application Specification 2043130001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	204365
Application	Board-to-Board, Busbar-to-Board, Busbar-to-Busbar, Power
Comments	Current and voltage performances are dependent upon application variables.
Overview	Sentrality Pin and Socket Interconnect System
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](#)

This document was generated on 10/14/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION