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Part Number: [0908112130](#)
Status: **Obsolete**
Description: 1.00mm (.039") Pitch Mobi-Mate™ Handset Connector, 16 Circuit, SMT, Un-switched RF

Documents:
[Drawing \(PDF\)](#)

General

Product Family	I/O Connectors
Series	90811
Application	Wire-to-Board
Comments	Un-switched RF
Component Type	Receptacle
Product Name	Leaf Style Contact, Mobi-Mate™
Type	N/A

Physical

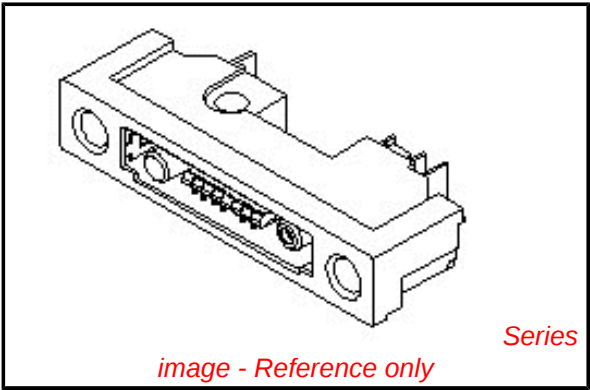
Boot Color	N/A
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black, Black
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper, Phosphor Bronze
Material - Plating Mating	Gold, Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	1.00mm (.039")
Pitch - Termination Interface	1.00mm (.039")
Plating min - Mating	0.102µm (4µ"), 1.016µm (40µ")
Plating min - Termination	1.016µm (40µ"), 3.048µm (120µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount, Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	0.5A, 1A, 2A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	50V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



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Search Parts in this Series
[90811Series](#)

Mates With
[90813](#) , [90852](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0045
Sales Drawing	SDA-90811-2130, SDA-90811-9001

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