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**Part Number:** **0781206013**  
**Status:** **Active**  
**Description:** 1.27mm Pitch Board-to-Board Receptacle, Dual Row, Vertical, Surface Mount, 0.25µm Gold (Au) Plating, without Kapton Tape, 60 Circuits, Tube, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-87933-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family PCB Receptacles  
Series 78120  
Application Board-to-Board, Signal  
Product Name N/A  
UPC 800756746418

**Physical**

Circuits (Loaded) 60  
Circuits (maximum) 60  
Color - Resin Black  
Durability (mating cycles max) 100  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part None  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Nickel  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.891/g  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Tube  
Pitch - Mating Interface 1.27mm  
Pitch - Termination Interface 1.27mm  
Plating min - Mating 0.254µm  
Plating min - Termination 1.270µm  
Polarized to PCB No  
Stackable No  
Temperature Range - Operating -55°C to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.75A  
Voltage - Maximum 125V

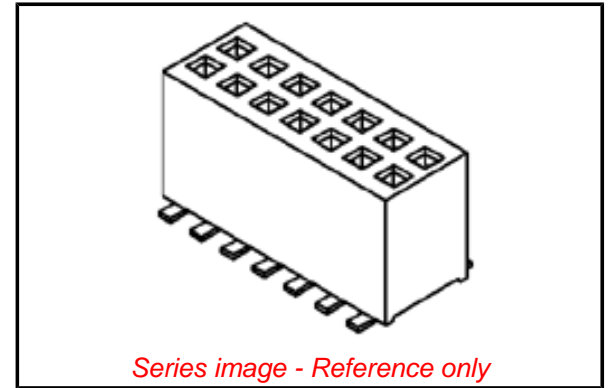
**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
Lead-freeProcess Capability REFLOW  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-87933-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(15. June 2015): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[78120 Series](#)

**Mates With**

[87932](#) , [87933](#) Board-to-Board Headers

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