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**Part Number:** [0905003016](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Vertical, ZIF Receptacle, 16 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-90500-011 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [90500](#)  
 Product Name N/A

**Physical**

Circuits (Loaded) 16  
 Color - Resin Black  
 Contact Position N/A  
 Durability (mating cycles max) 50  
 Entry Angle Vertical  
 Flammability 94V-0  
 Mated Height (in) 0.346 In  
 Mated Height (mm) 8.80 mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length (in) 0.118 In  
 PC Tail Length (mm) 3.00 mm  
 PCB Retention None  
 PCB Thickness Recommended (in) 0.062 In  
 PCB Thickness Recommended (mm) 1.60 mm  
 Packaging Type Tube  
 Pitch - Mating Interface (in) 0.100 In  
 Pitch - Mating Interface (mm) 2.54 mm  
 Plating min: Mating (µin) 120  
 Plating min: Mating (µm) 3.00  
 Plating min: Termination (µin) 120  
 Plating min: Termination (µm) 3.00  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Through Hole  
 Wire/Cable Type FFC/FPC

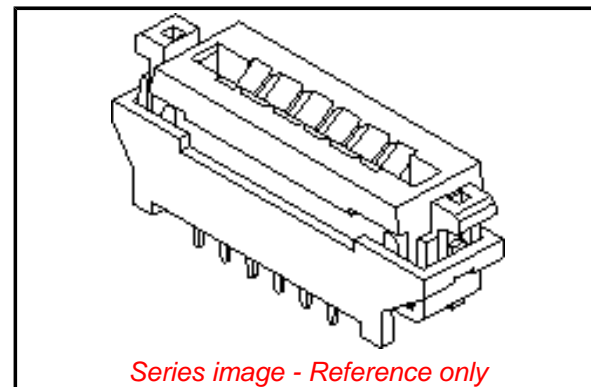
**Electrical**

Current - Maximum 0.5A  
 Current - Maximum 1A  
 UL E29179  
 Voltage - Maximum 250V

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)

**Material Info**



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**Halogen-Free  
 Status  
 Not Reviewed**

**China RoHS**



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 environmental compliance?**

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 non-product compliance questions.

**Search Parts in this Series**  
[90500 Series](#)

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-90500-011

SD-90500-001

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