

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [90500-3016](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** 2.54mm Vertical, ZIF Receptacle, 16 Circuits

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [90500](#)  
 Overview [FFC-FPC \(Through-Hole\)](#)  
 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 8.80mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.00mm  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tube  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Plating min - Mating 3.048µm  
 Plating min - Termination 3.048µm  
 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**

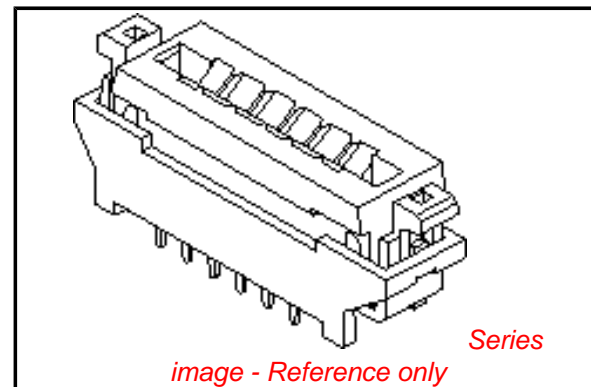
Current - Maximum per Contact 0.5A, 1A  
 Voltage - Maximum 250V

**Solder Process Data**

Lead-free Process Capability Wave Capable (TH only)

**Material Info**

**Reference - Drawing Numbers**



**EU RoHS**

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

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

90500Series

This document was generated on 04/30/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**