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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
 UPC 800754343305

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
 Net Weight 3.843g
 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

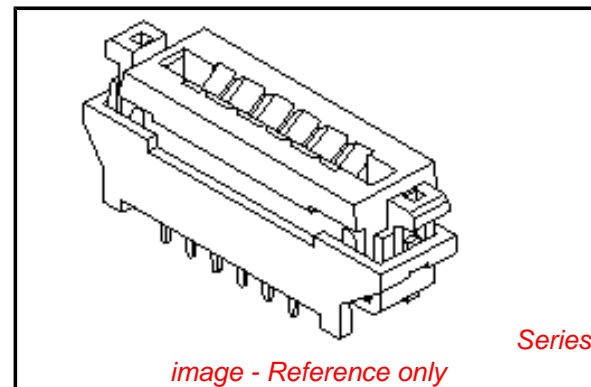
Electrical

Current - Maximum per Contact 0.5A, 1.0A
 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
 Low-Halogen Status
 Not Low-Halogen**

China RoHS



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

Email 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

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-90500-011
SD-90500-001

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