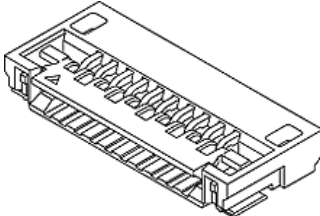


**Part Number: 51441-1271**

**0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 1.10mm Mated Height, 12 Circuits, Lead-Free, Gold (Au) Contact Plating**



Series image - Reference only

**Status:** Contact Molex  
**Series:** [51441](#)  
**Category:** FFC/FPC Connectors

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:** Contains SVHC: No

**Low-Halogen Status:** Not Low-Halogen

**Part Detail**

**General**

<b>Status</b>	<b>Contact Molex</b>
Category	FFC/FPC Connectors
Series	<a href="#">51441</a>
Product Name	Easy-On™
UPC	822348175215

**Physical**

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black, Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height	1.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	46.245/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

**Electrical**

<b>(Please review the Product Specification for specific details.)</b>	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51441-004, RPS-51441-007
Sales Drawing	SD-51441-009, SD-51441-010

### **Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

#### **Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)