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**Part Number:** **504740-4100**  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.30mm Pitch FPC Connector With Easy-On™ Actuator, Right Angle, Surface Mount, Dual Contact Style, 0.95mm Height, 41 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification SPK-504740-001 \(PDF\)](#)  
[Product Specification PS-504740-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-504740-001 \(PDF\)](#)

**General**

Product Family	FFC/FPC Connectors
Series	504740
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
UPC	887191502120

**Physical**

Circuits (Loaded)	41
Color - Resin	Black
Contact Position	Dual
Durability (mating cycles max)	10
Entry Angle	90° Angle
Mated Height	0.95mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	78.356/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.30mm
Pitch - Termination Interface	0.30mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

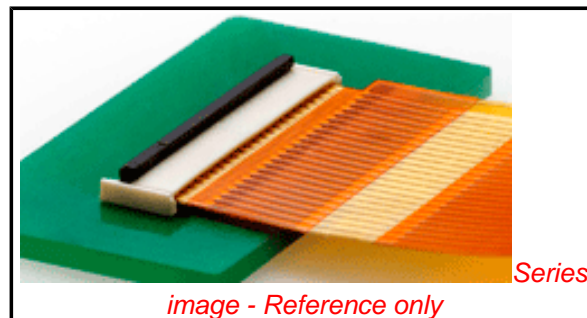
**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504740-001
Packaging Specification	SPK-504740-001
Product Specification	PS-504740-001, RPS-504740-001, RPS-504740-003, RPS-504740-004
Sales Drawing	SD-504740-001, SD-504740-002



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
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**  
504740Series

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[52610-1075](#) [52610-1275](#) [52610-1934](#) [XF3M\(1\)-1415-1B-R100](#) [501864-3091-TR225](#) [0525594033](#) [086210010340800](#) [086222026001800](#)  
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