

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [54104-3631](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, Right Angle, Surface Mount, ZIF, Top Contact Style, 36 Circuits, Lead-Free, Gold Contact Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-54104-071 \(PDF\)](#)
[Packaging Specification SPK-54104-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family FFC/FPC Connectors
Series [54104](#)
Overview [FFC-FPC \(SMT\)](#)
Product Name Easy-On™
UPC 822348533015

Physical

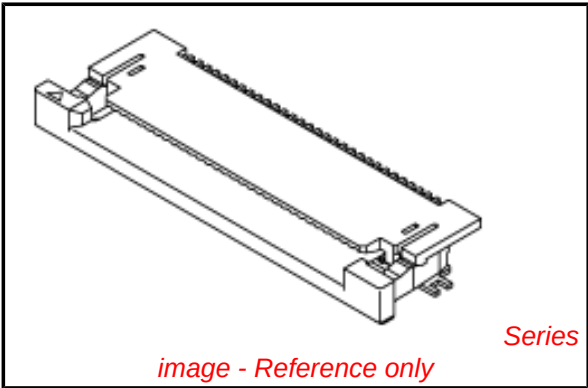
Circuits (Loaded) 36
Color - Resin Natural
Contact Position Top
Durability (mating cycles max) 20
Entry Angle 90° Angle
Flammability 94V-0
Mated Height 2.00mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin High Temperature Thermoplastic
Net Weight 414.952/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
Plating min - Mating 0.102µm
Plating min - Termination 0.051µm
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers



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



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
[54104Series](#)

Mates With
[15020](#) 0.50mm Pitch Premo-Flex™ FFC Jumper, Gold Plating, [15166](#) 0.50mm Pitch Premo-Flex™ FFC Jumper, Tin Plating, [98266](#) 0.50mm Pitch Premo-Flex™ FFC Jumper 0.22mm Cable Thickness, [15266](#) 0.50mm Pitch Premo-Flex™ FFC Jumper, 0.27mm Cable Thickness

Packaging Specification
Product Specification

SPK-54104-001
PS-54104-071, RPS-54104-077, RPS-54104-079,
RPS-54104-081, RPS-54104-082, RPS-54104-083,
RPS-54104-084, RPS-54104-086, RPS-54104-088,
RPS-54104-089, RPS-54104-091, RPS-54104-092,
RPS-54104-097
SD-54104-077, SD-54104-078

Sales Drawing

This document was generated on 09/10/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[54104-3631](#)