

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [52271-1669](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 1.00mm Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 16 Circuits, Lead-Free, Gold Contact Plating, High Barrier Packaging

Documents:

3D Model	Application Specification AS-52271-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52271-002 (PDF)
Product Specification PS-52271-054 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	FFC/FPC Connectors
Series	52271
Overview	FFC-FPC (SMT)
Product Name	N/A
UPC	822350052511

Physical

Circuits (Loaded)	16
Color - Resin	Natural
Contact Position	Bottom
Durability (mating cycles max)	30
Entry Angle	90° Angle
Flammability	94V-0
Mated Height	3.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	706.100/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

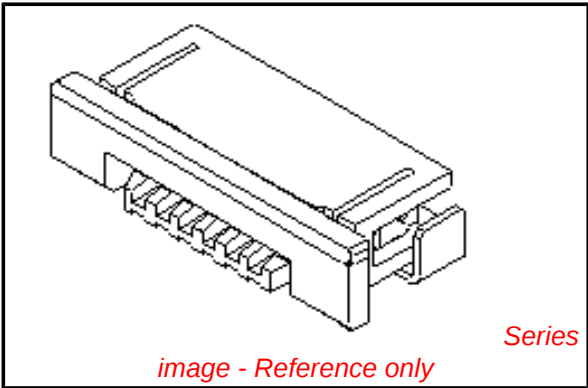
Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-52271-001
Packaging Specification	SPK-52271-002



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
[52271Series](#)

Product Specification

PS-52271-054, RPS-52271-053, RPS-52271-076,
RPS-52271-078, RPS-52271-079, RPS-52271-081,
RPS-52271-082, RPS-52271-083, RPS-52271-084,
RPS-52271-086, RPS-52271-088, RPS-52271-090
SD-52271-038, SD-52271-039

Sales Drawing

This document was generated on 12/28/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION