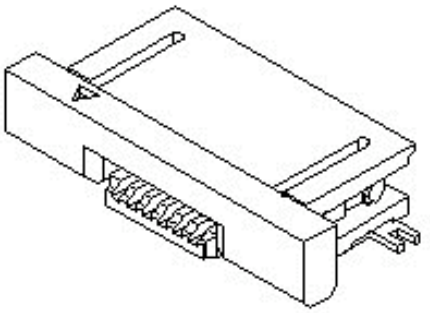
molex
one company > a world of innovation

This document was generated on 11/05/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0524372871
Status: Active
Description: 0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 28 Circuits, Gold Contact Plating



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52437-027 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	FFC/FPC Connectors
Series	52437
Product Name	N/A

Physical

Circuits (Loaded)	28
Color - Resin	Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Flammability	94V-0
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

Electrical

Current - Maximum	0.5A
UL	E29179
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-52437-027
Product Specification	RPS-52437-040
Product Specification	RPS-52437-041
Product Specification	RPS-52437-042
Product Specification	RPS-52437-043
Product Specification	RPS-52437-045
Sales Drawing	SD-52437-019

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
52437 Series

This document was generated on 11/05/2009
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION