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Part Number: [52689-1875](#)
Status: **Active**
Description: 0.50mm Pitch FFC/FPC Connector, SMT, Right Angle, Non-ZIF, Dual Contact Style, Gold (Au) Contact Plating, 18 Circuits, Lead-Free, High Barrier Packaging

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52689-041 \(PDF\)](#)
[Packaging Specification SPK-52689-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family FFC/FPC Connectors
Series [52689](#)
Product Name N/A

Physical

Circuits (Loaded) 18
Color - Resin Natural
Contact Position Dual
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 Tin
Material - Resin Nylon
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.50mm
Polarized to PCB Yes
Stackable No
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

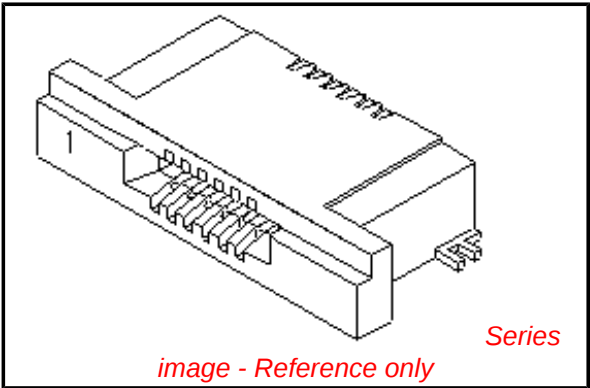
Electrical

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

Material Info

Reference - Drawing Numbers

[Packaging Specification](#) SPK-52689-003
[Product Specification](#) PS-52689-041, RPS-52689-045, RPS-52689-046
[Sales Drawing](#) SD-52689-040, SD-52689-041



EU RoHS

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

China RoHS



**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.

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[52689Series](#)