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Part Number: [0512811298](#)
Status: **Active**
Overview: Easy-On FFC FPC Connectors
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 12 Circuits, Gold (Au) Plating

Documents:

3D Model	Product Specification 512810000-001 (PDF)
Drawing (PDF)	Application Specification 512810000-AS-000 (PDF)
3D Model (PDF)	Packaging Specification SPK-51281-001-001 (PDF)
2D Drawing (DXF)	RoHS Certificate of Compliance (PDF)
2D Drawing DXF (PDF)	

General

Product Family	FFC/FPC Connectors
Series	51281
Overview	Easy-On FFC FPC Connectors
Product Name	Easy-On
Taxonomy	FFC / FPC Connectors
UPC	196823022289

Physical

Actuator Type	Non-ZIF
Circuits (Loaded)	12
Color - Resin	Natural
Contact Position	Dual
Durability (mating cycles max)	20
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	80.833/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20° to +85°C
Wire/Cable Type	FFC/FPC

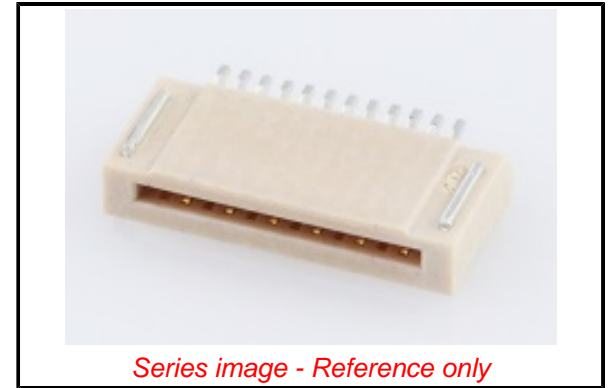
Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	512810000-AS-000
Packaging Specification	SPK-51281-001-001
Product Specification	512810000-001
Sales Drawing	512810000-SD-000, 512811000-SD-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[51281 Series](#)

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