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Part Number:

0541044096

Status:

Active

Description:

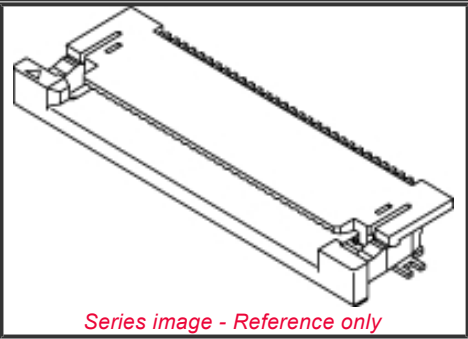
0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 40 Circuits, Lead-free

Documents: Note - Please disable browser pop-up blockers for documents on www.molex.com

Drawing (PDF)

Product Specification PS-54104-069 (PDF)

3D
Model



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Not Reviewed

Halogen-Free
Status
Not Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

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[54104](#)Series

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General

Product Family	FFC/FPC Connectors
Series	54104
Product Name	N/A

Physical

Circuits (Loaded)	40
Color - Resin	Natural
Contact Position	Top
Durability (mating cycles max)	20
Entry Angle	90° Angle
Flammability	94V-0
Mated Height (in)	0.079 In
Mated Height (mm)	2.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.024 In
PC Tail Length (mm)	0.60 mm
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)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
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(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
UL	E29179

Material Info

Reference - Drawing Numbers

Product Specification	PS-54104-069, RPS-54104-075, RPS-54104-078
Sales Drawing	SD-54104-071, SD-54104-072