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Part Number: 5010255001
Status: Planned for Obsolescence
Description: 0.50mm (.020") Pitch FFC Connector for LVDS, Right Angle, SMT, Easy-On™, Bottom Contact Style, Gold Plating, 50 Circuits

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	FFC/FPC Connectors
Series	501025
Product Name	Easy-On™
Physical	
Circuits (Loaded)	50
Circuits (maximum)	50
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	Horizontal
Mated Height	1.80mm (.071")
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold, Tin
Material - Plating Termination	Gold, Tin
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm (.020")
Pitch - Termination Interface	0.50mm (.020")
Plating min - Mating	0.102µm (4µ"), 1.016µm (40µ")
Plating min - Termination	0.051µm (2µ"), 1.016µm (40µ")
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-30°C to +70°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC only
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Product Specification	RPS-501025-002
Sales Drawing	SD-501025-003, SD-501025-004

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



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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