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Part Number: 5005186870
Status: Active - Custom
Description: 0.50mm (.020") Pitch Easy-On™ Type FPC Connector, Right Angle, SMT, ZIF, Bottom Contact Style, 8.40mm (.331") Mated Height, 68 Circuits, Lead-free

Documents:
[3D Model](#) [Product Specification PS-500518-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	FFC/FPC Connectors
Series	500518
Product Name	Easy-On™
Physical	
Circuits (Loaded)	68
Color - Resin	Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
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
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm (.020")
Plating min - Mating	1.016µm (40µ")
Plating min - Termination	1.016µm (40µ")
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-500518-001, RPS-500518-002
Sales Drawing	SD-500518-001, SD-500518-002

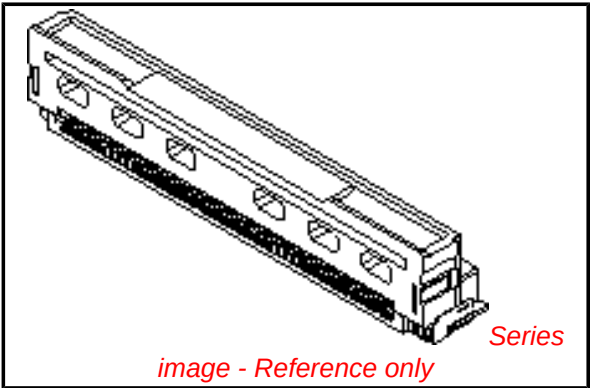


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EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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500518Series

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