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Part Number:

0525840879

Status:

Active

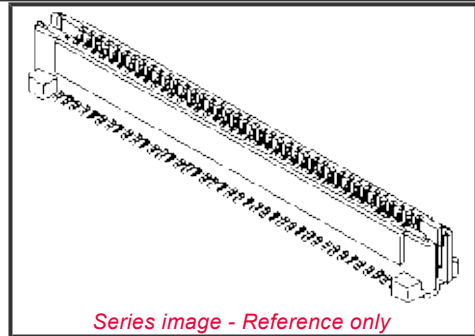
Description:

1.00mm (.039") Pitch Receptacle, Dual Row Surface Mount, Vertical Stacking, 8.00, 9.00, 10.00, and 18.00mm (.315, .354, .394 and .709") Stacking Heights, 80 Circuits, Lead-free

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

[Drawing \(PDF\)](#)

[Product Specification PS-52584-002 \(PDF\)](#)



EU RoHS
ELV and RoHS
Compliant

China RoHS



REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Reviewed

Need more information on product environmental compliance?Email productcompliance@molex.comFor a multiple part number RoHS Certificate of Compliance, [click here](#)Please visit the [Contact Us](#) section for any non-product compliance questions.**Search Parts in this Series**[52584](#)Series**Mates With**[53395](#), [53408](#)[Product Specification PS-52584-003 \(PDF\)](#)**Order Products:****Part Detail:** ([show all](#))[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	PCB Receptacles
Series	52584
Application	Board-to-Board
Product Name	SlimStack™

Physical

Circuits (Loaded)	80
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Plating min: Mating (μ in)	10
Plating min: Mating (μ m)	0.25
Plating min: Termination (μ in)	80
Plating min: Termination (μ m)	2
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Agency Certification

CSA	LR19980
UL	E29179

Material Info**Reference - Drawing Numbers**

Product Specification	PS-52584-002, PS-52584-003, RPS-52584-010
Sales Drawing	SD-52584-007, SD-52584-008, SD-52584-009

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