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PCB Receptacles
Datasheet
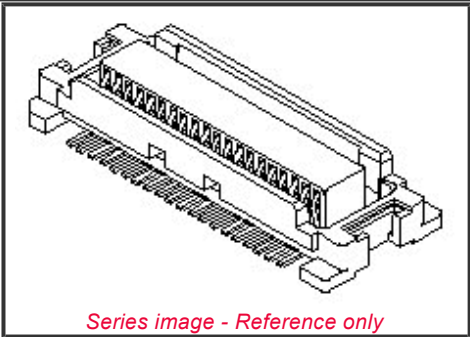
Part Number:
0529910308

Status:
Active

Description:
0.50mm (.020") Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 3.00 and 4.00mm (.118 and .157") Stacking Heights, Lower Circuit Size Version, White, 30 Circuits

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
Drawing (PDF)   Product Specification PS-52991-003 (PDF)

Series image - Reference only

EU RoHS   **China RoHS**
ELV and RoHS Compliant

REACH SVHC
Not Reviewed

Halogen-Free Status
Halogen-Free

Need more information on product environmental compliance?

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For a multiple part number RoHS Certificate of Compliance, click here

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52991Series

Mates With

53916, 53748

Product Specification PS-52991-008 (PDF)

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Part Detail: (show all)

GeneralPhysicalElectricalMaterial InfoReference - Drawing Numbers

General

Product Family	PCB Receptacles
Series	52991
Application	Board-to-Board
Product Name	SlimStack™

Physical

Circuits (Loaded)	30
Glow-Wire Compliant	No
Mated Height (in)	0.118 In, 0.157 In
Mated Height (mm)	3.00 mm, 4.00 mm
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
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)	4
Plating min: Mating (μm)	0.1
Plating min: Termination (μin)	10
Plating min: Termination (μm)	0.25
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

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

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-52991-003, PS-52991-008, PS-54167-002, RPS-52991-012, RPS-52991-013, RPS-52991-016, RPS-52991-017, RPS-52991-019
Sales Drawing	SD-52991-004, SD-52991-005

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