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Part Number: [54684-0704](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack™ Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 3.50mm Stacking Height, 70 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-54684-006 \(PDF\)](#)
[Product Specification PS-54684-008 \(PDF\)](#)
[Packaging Specification SPK-54684-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Receptacles
Series 54684
Application Board-to-Board, Signal
Overview SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name SlimStack™
UPC 756054883556

Physical
Circuits (Loaded) 70
Circuits (maximum) 70
Color - Resin Brown
Durability (mating cycles max) 30
Glow-Wire Compliant No
Mated Height 3.50mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Net Weight 277.741/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.40mm
Pitch - Termination Interface 0.40mm
Polarized to Mating Part No
Polarized to PCB No
Temperature Range - Operating -25°C to +105°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 0.3A
Voltage - Maximum 30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers
Packaging Specification SPK-54684-001
Product Specification PS-54684-006, PS-54684-008, RPS-54684-013, RPS-54684-015, RPS-54684-023, RPS-54684-026
Sales Drawing SD-54684-011, SD-54684-012

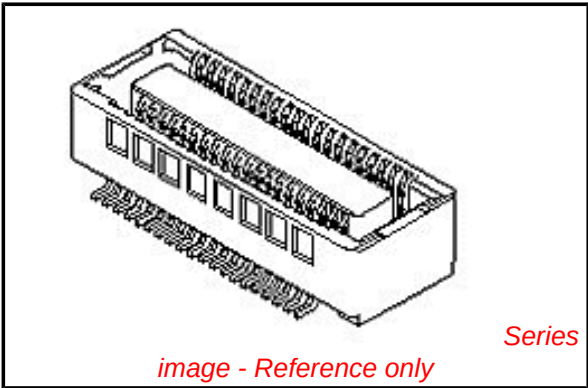


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



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