

FEATURES AND SPECIFICATIONS

Features and Benefits

- Stacking heights: 9.0mm
- Sizes 100 circuits
- Leaf-style design protects pins
- Antiflux design
- Low insertion force
- Polarization pegs assist placement

Reference Information

Packaging: Tube
 Mates With: 52584
 Designed In: Millimeters

Electrical

Voltage: 100V
 Current: 0.5A
 Contact Resistance: Height 8 to 12mm—40mΩ max.
 Height 13 to 16mm—55mΩ max.
 Height 17 to 20mm—70mΩ max.
 Dielectric Withstanding Voltage: 200V AC
 Insulation Resistance: 1000 MΩ min.

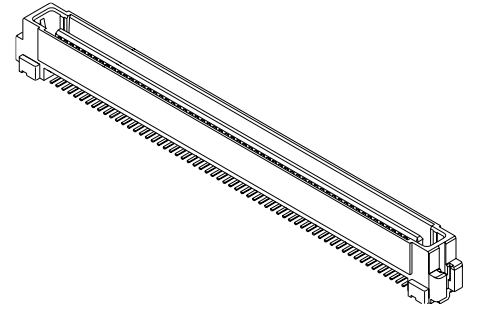
Physical

Housing: White glass-filled LCP, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Gold (0.25μm) over Tin/Lead over Nickel
 Temperature: -55 to +85°C

molex® 1.00mm (.039") Pitch Board-to-Board Plug

53396

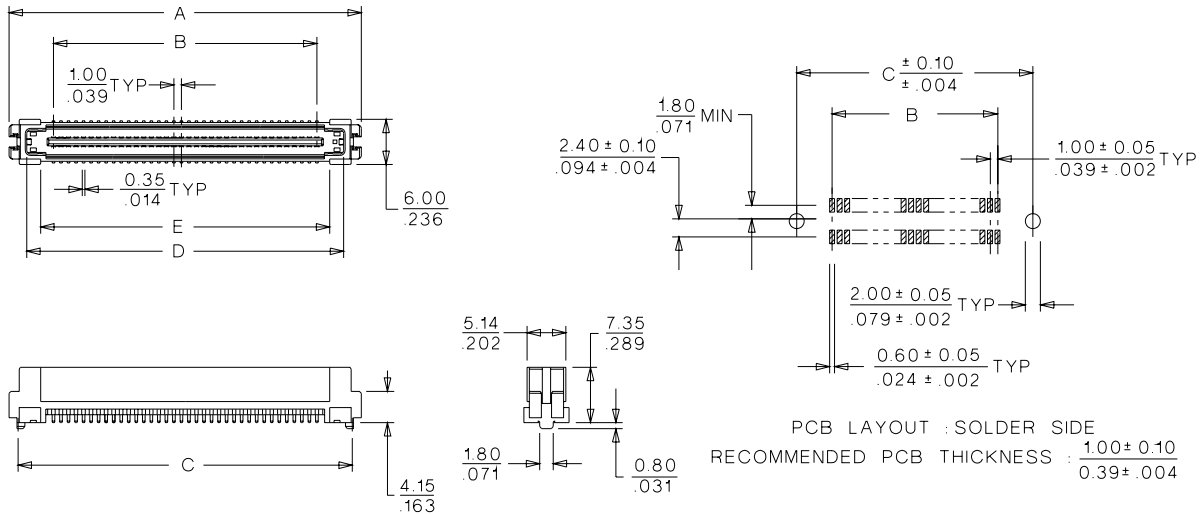
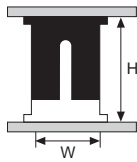
SMT, Dual Row Vertical Stacking



Micro Connectors

Mating Dimensions

53396 • 52584
 H=9.0mm W=6.0mm



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension				
		A	B	C	D	E
100	53396-1009	60.80 (2.394)	49.00 (1.929)	58.40 (2.299)	56.02 (2.206)	52.40 (2.063)

Note: Use only one connector per daughterboard in order to insure proper mating alignment