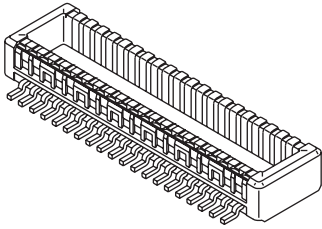


0.50mm (.020") Pitch SlimStack™ Board-to-Board Plug

53885/500334
SMT, Dual Row
Vertical Stacking



Features and Benefits

- Stacking height: 2.50mm (.098")
- Sizes 16, 20, 30, 50, 60 and 70 circuits
- Locking feature provides secure mating
- Durable blade on beam contact interface
- Anti-flux design

Reference Information

Packaging: Embossed
Mates With: 54102
Designed In: Millimeters

Electrical

Voltage: 50V
Current: 0.5A
Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

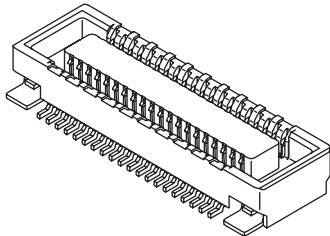
Housing: Black glass-filled LCP, UL 94V-0
Contact: Brass
Plating: Gold over Nickel
Operating Temperature: -40 to +85°C

Circuits	Order No.	Lock Position	Carrier Tape Width	Lead-free
16	500334-0160	All	16.00 (.630)	Yes
20	500334-0201			
30	500334-0300			
40	53885-0408	3, 6, 9, 12, 15, 18	24.00 (.945)	
50	53885-0508	4, 10, 16, 22	32.00 (1.260)	
60	53885-0608	10, 21		
70	53885-0708	None		

Note: Contact Molex for embossed tape specifications
Note: Use only one connector per daughterboard in order to insure proper mating alignment

0.50mm (.020") Pitch SlimStack™ Board-to-Board Receptacle Housing

54150
SMT, Dual Row
Vertical Stacking



Features and Benefits

- Stacking height: 2.50mm (.098")
- Sizes 50 to 80 circuits
- Locking feature provides secure mating
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails
- Durable blade on beam contact interface
- Anti-flux design

Reference Information

Packaging: Embossed
Mates With: 53949
Designed In: Millimeters

Electrical

Voltage: 50V
Current: 0.5A
Contact Resistance: 40 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

Housing: Black glass-filled PPA, UL 94V-0
Contact: Phosphor Bronze
Plating: Gold over Nickel
Solder Tab: Phosphor Bronze, Tin over Nickel plating
Operating Temperature: -40 to +85°C

Circuits	Order No.	Carrier Tape Width	Lead-free
50	54150-0578	32.00 (1.260)	Yes
60	54150-0678		
70	54150-0778		
80	54150-0878	44.00 (1.732)	