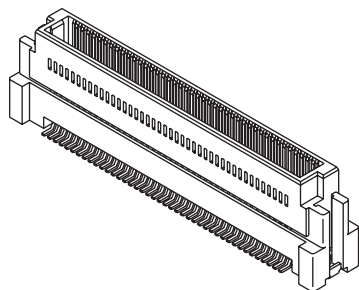


0.635mm (.025") Pitch SlimStack™ Board-to-Board Plug

53553/53627

**SMT, Dual Row
Vertical Stacking**



Features and Benefits

- Stacking height: 10.0 and 16.0mm
- Sizes 40, 60 and 140 circuits
- Housing lock on 20 to 70 circuits
- Anti-flux design
- Metal solder tabs provide PCB hold down and strain relief for SMT tails
- Polarizing pegs assist placement

Reference Information

Packaging: Tube and embossed tape
 Mates With: 52760/52885 (H=10.0mm)
 52837/52901 (H=16.0mm)
 Designed In: Millimeters

Electrical

Voltage: 100V
 Current: 0.5A
 Contact Resistance: 50 milliohms max. (H=10.0mm)
 70 milliohms max. (H=16.0mm)
 Dielectric Withstanding Voltage: 250V AC
 Insulation Resistance: 1000 Megohms min.

Physical

Housing: Brown glass-filled PPS, UL 94V-0
 Contact: Brass
 Plating: Gold over Nickel
 Operating Temperature: -55 to +85°C

Circuits	Order No.			Lead-free
	Tube	Tube with Cover	Embossed Tape with Cover	
20			53627-0274	Yes
40	53553-0479	53627-0475	53627-0474	
60	53553-0679	53627-0675	53627-0674	
80	53553-0879	53627-0875	53627-0874	
100	53553-1079	53627-1075	53627-1074	

Circuits	Order No.			Lead-free
	Tube	Tube with Cover	Embossed Tape with Cover	
120			53627-1275	Yes
140	53553-1479	53627-1475		
160	53553-1679	53627-1675		
180	53553-1879			
200	53553-2079			

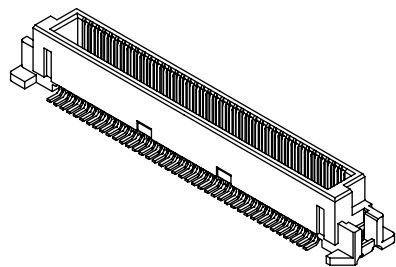
Note: Contact Molex for embossed tape specifications

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

0.635mm (.025") Pitch SlimStack™ Board-to-Board Header

55091

**SMT, Dual Row, Vertical Stacking
6.00 and 12.00mm (.236 and .472")
Stacking Heights**



Features and Benefits

- Stacking heights of 6.00 and 12.00mm (.236 and .472")
- Sizes 20 to 240 circuits
- Housing lock on 20 to 60 circuits
- Anti-flux design
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails
- Polarizing pegs assist placement onto PCB

Reference Information

Product Specification: PS-52760-015
 Packaging: Embossed tape on reel
 Mates With: 52760, 52837, 52885 and 52901
 Designed In: Millimeters

Electrical

Voltage: 100V
 Current: 0.5A
 Contact Resistance: 40 milliohms max., 60 milliohms max.
 Dielectric Withstanding Voltage: 250V AC/1 min.
 Insulation Resistance: 1000 Megohms min.

Mechanical

Mating Force: 0.69N (0.16 lb)
 Unmating Force: 0.118N (0.027 lb)

Physical

Housing: Black glass-filled LCP Liquid Crystal Polymer, UL 94V-0
 Contact: Copper Alloy
 Plating: Contact Area—Gold
 Solder Tail Area—Tin
 Underplating: Nickel
 Operating Temperature: -55 to +85°C

Circuits	Order No.			Lead-free
	Tube		Embossed Tape	
	Without Pick-and-Place Cover	With Pick-and-Place Cover		
20	55091-0279		55091-0274	Yes
40	55091-0479		55091-0474	
60	55091-0679		55091-0674	
80	55091-0879	55091-0875		
100	55091-1079	55091-1075		
120	55091-1279	55091-1275		

Circuits	Order No.			Lead-free
	Tube		Embossed Tape	
	Without Pick-and-Place Cover	With Pick-and-Place Cover		
140	55091-1479	55091-1475		Yes
160	55091-1679	55091-1675	55091-1674	
180	55091-1879	55091-1875		
200	55091-2079	55091-2075		
240	55091-2479	55091-2475		