

# ULTRA LOW PROFILE STACKER: 9258-000



## General Information



The SOLO series 9258 is a one-piece connector used to connect two PCBs in a cost effective manner.

This connector is a 1.0mm pitch available in 8 positions with stack heights of 0.40mm and 0.80mm. It is available with or without locating tabs.

This connector is designed for PCB surface mount and is supplied in tape and reel packaging. Gold-plated pads on the mating PCB or appropriate flex circuitry provide the connection between the boards.

### APPLICATIONS

- Mobile phones
- Handheld scanners
- Portable medical devices
- Display interface
- Product Specification: Refer to 201-01-115

### FEATURES AND BENEFITS

Single piece connector – no mating half connector required to connect two boards together which means:

- Reduced assembly time
- Only one part to purchase and stock
- Due to the unique contact design, the mating device does not have to be parallel
- Extremely robust when it comes to shock and vibration

### ELECTRICAL

- Current Rating: 1 Amp / Contact
- Voltage Rating: 125 VAC (RMS) or DC equivalent

### ENVIRONMENTAL

- Operating Temperature: -55°C to +125°C
- Storage Temperature: -40°C to +70°C

### MECHANICAL

- Insulator Material: High Temperature Plastic; UL94 V-0
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: 50 Cycles

### HOW TO ORDER

**00** Prefix  
**9258** Series  
**008** Number of Ways  
008 = 8

**00X** Connector Height

Code	Stack Height	Contact Height	Qty
004	0.40mm	1.00-1.30	No. of Ways
008	0.80mm	1.40-1.70	

**06** Plating Variation

06 = Selective Gold  
0.25µm Gold Plated  
Contact Nose Pure  
Tin Tail

**X** PCB Location Bosses

1 = With PCB Location Bosses (top side)  
2 = Without PCB Location Bosses  
3 = With SMT PCB Location Bosses (bottom side)  
4 = With SMT and Mating PCB Location Bosses (top and bottom side)



**SALES DRAWINGS**  
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