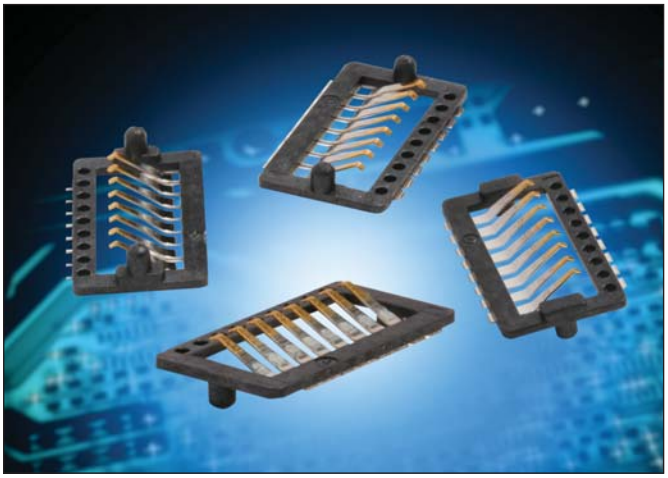
# 9258 Ultra Low Profile Stacker



## GENERAL DESCRIPTION

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 an 8 position with stack heights of 0.40mm and 0.80mm. It is available with or without location bosses.

This connector is designed for PCB surface mounting and is supplied in tape and reel packaging. Gold plated pads on the mating PCB or suitable flex circuits provide connection between the boards.

## APPLICATIONS

Suitable applications include:

- Mobile phones
- Handheld scanners
- Portable medical devices
- Display interface

## KEY 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

RoHS COMPLIANT

## HOW TO ORDER

| 00 | 9258 | 008 | XXX | 06 | X |
|---|---|---|---|---|---|
| **Prefix**<br>00 = Standard | **Series** | **No of Ways** | **Stack Height**<br>004 = 0.40mm<br>008 = 0.80mm | **Plating Variation**<br>06 = Selective Gold 0.25µm Gold Plated Contact Nose, Pure Tin Tail | **PCB Location Bosses**<br>1 = With Mating PCB Location Bosses (top side)<br>2 = Without PCB Location Bosses<br>3 = With SMT PCB Location Bosses (bottom side)<br>4 = With SMT and Mating PCB Location Bosses (top and bottom sides) |

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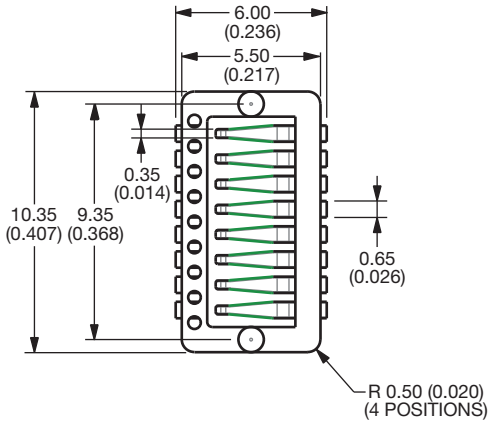
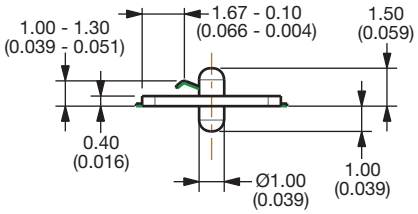
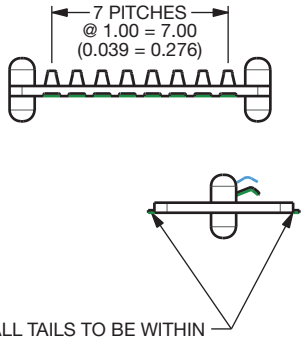
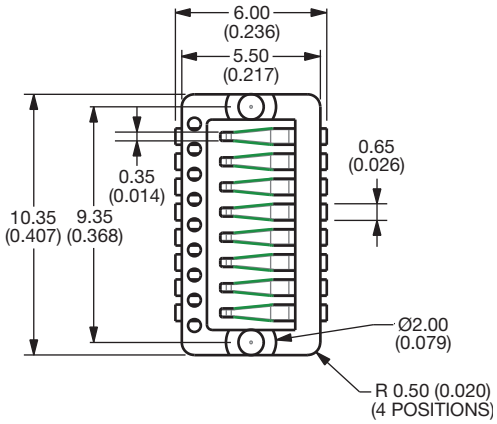
## 0.4mm Ultra Low Profile Stacker

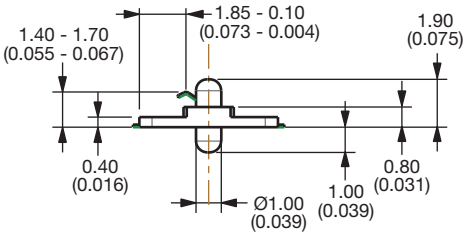


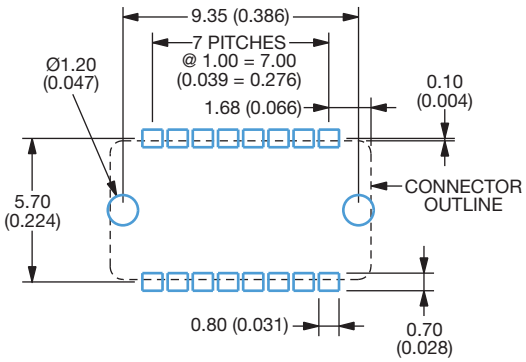

## 0.8mm Ultra Low Profile Stacker



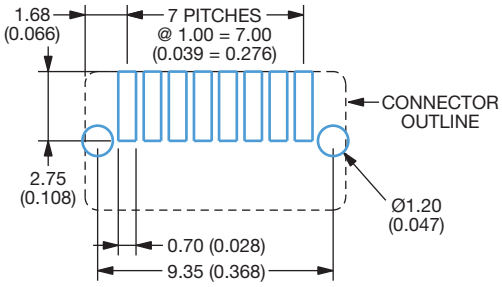

## PROPOSED SMT PCB LAYOUT

**ALL PADS PURE TIN PLATE**

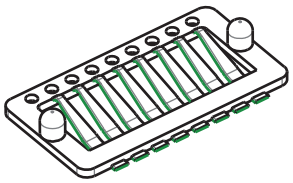



## PROPOSED MATING PCB LAYOUT

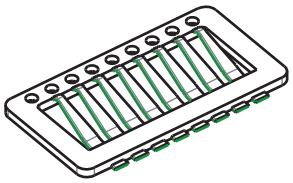
**ALL PADS GOLD PLATE**



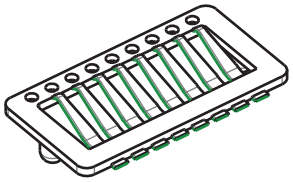
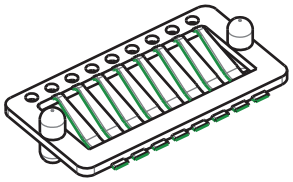

**WITH MATING PCB LOCATION BOSSES (TOP SIDE)**



**WITHOUT PCB LOCATION BOSSES**



**WITH SMT PCB LOCATION BOSSES (BOTTOM SIDE)**



**WITH PCB AND SMT LOCATION BOSSES**