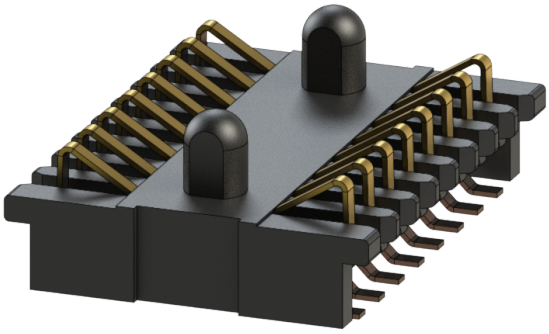
DUAL ROW STACKER: 9158-000

General Information



The MOBO® series 9158 is a one-piece connector used to connect two PCBs within mobile phones, pagers, PDAs, security, handheld scanners, etc. in a cost-effective manner.

A standard range is available with 16, 20, 24 and 28 contacts to suit stack heights of 1.90mm to 3.30mm. Other contact variants are also available up to 5.10mm, in custom housings. The SOLO STACKER can allow a spacing tolerance of up to ±0.30mm and still provide reliable connections between the PCBs, even if they are not parallel.

SOLO STACKER 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.

Whatever your requirements this SOLO STACKER can also be customized to suit your applications.

APPLICATIONS

- Mobile Phones
- PDA
- Medical
- PMR
- Industrial
- Security
- Handheld Scanner
- Product Specification: Refer to 201-01-073

FEATURES AND BENEFITS

- 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 subjected to shock and vibration.
- Cost effective.
- Helps reduce tolerance accumulation within system.

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 HB
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: 50 Cycles

HOW TO ORDER

00	9158	0XX	0XX	06	X
Prefix	**Series**	**Number of Ways**	**Stack Height**	**Plating Variation**	**PCB Location Bosses**
		016 = 16 020 = 20 024 = 24 028 = 28	020 = 1.9mm to 2.1mm 025 = 2.1mm to 2.7mm 030 = 2.8mm to 3.3mm	06 = Selective Gold 0.25µm Gold Plated Contact Nose Pure Tin Tail	1 = With PCB Location Bosses 2 = Without PCB Location Bosses

SALES DRAWINGS
CLICK TO DOWNLOAD

RoHS compliant