

Connector Materials

Body Material	LCP Vectra RD1040
Contact Material	Copper alloy
Finish	Au plated over Ni undercoat

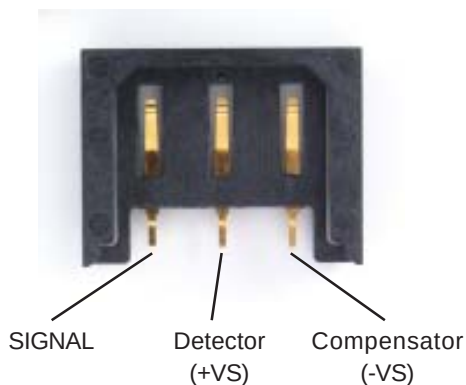
Connector Performance

Contact Resistance	< 20mΩ
Connector Lifetime	50 insertions

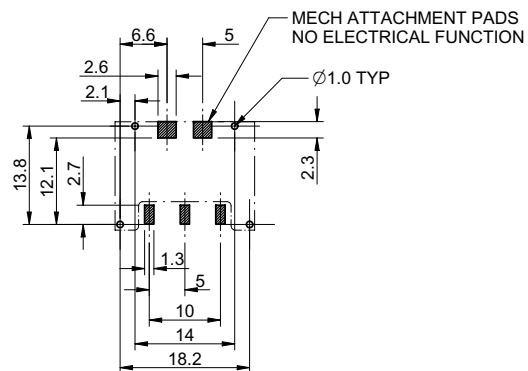
Connector Attachment

Note: Adhesive bond connector to PCB prior to soldering contacts.
Avoid application of adhesive in contact and guide rail areas.

Recommended Adhesive	3M Scotchweld DP100
Reflow solder	
Maximum temperature	230°C
Maximum time	5 seconds

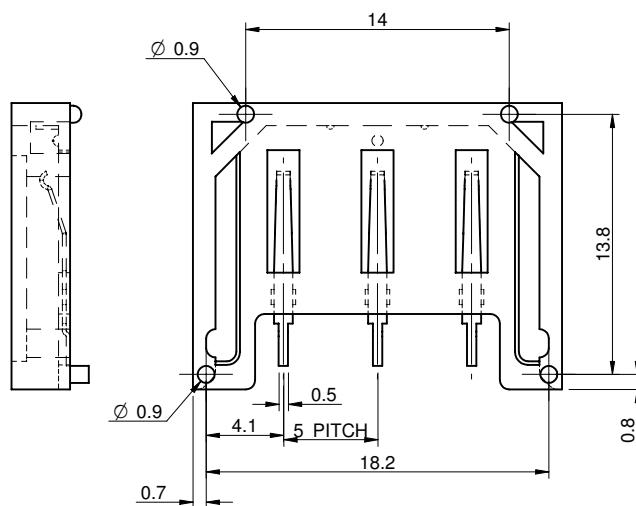
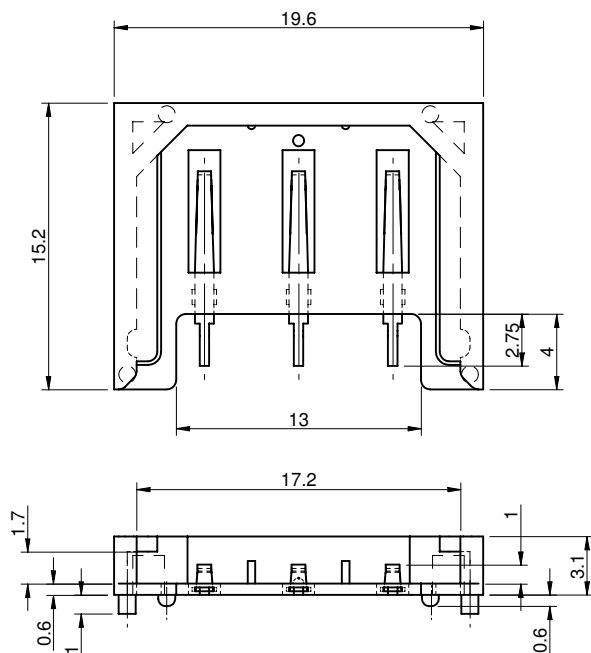


Recommended PCB layout



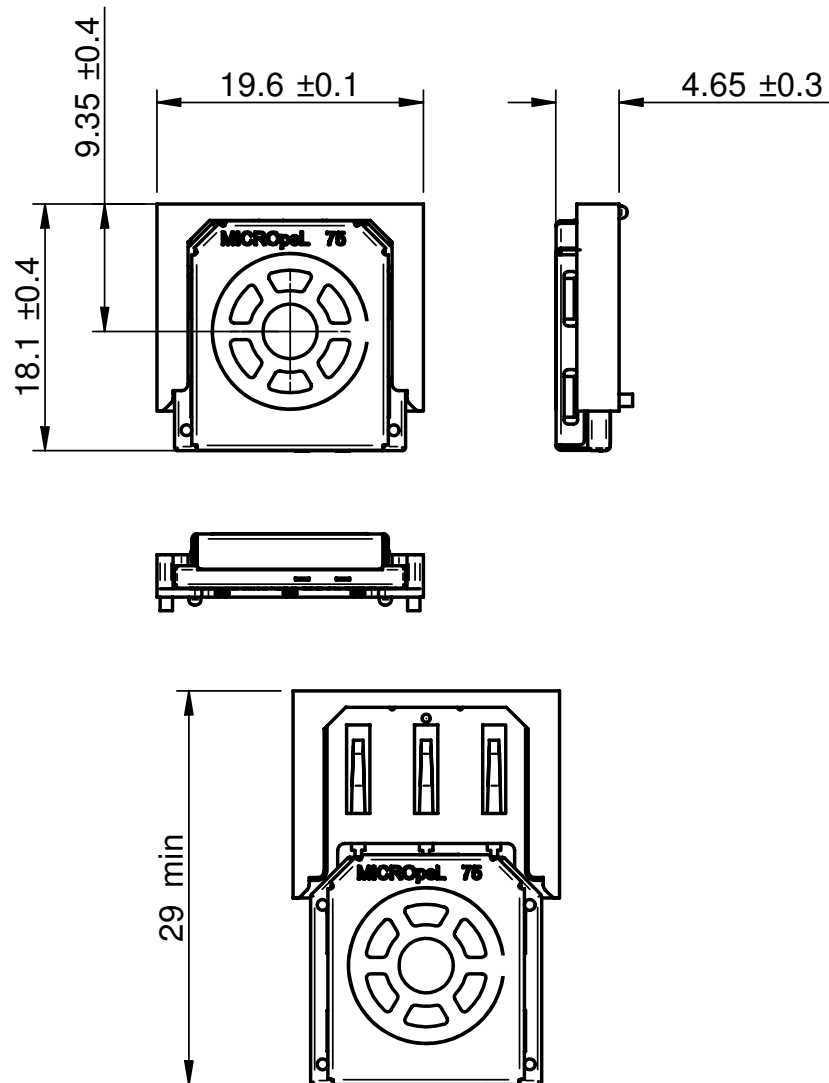
PCB LAYOUT: COMPONENT SIDE

Outline Dimensions



All dimensions in mm
All tolerances ±0.15mm unless otherwise stated

MICROpeL™ Connector and sensor Outline Dimensions



Unmated

All dimensions in mm

All tolerances ±0.15mm unless otherwise stated

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