

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

Contact Resistance	< 20mΩ
Connector Lifetime	50 insertions

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

Reflow solder	
Maximum temperature	230°C
Maximum time	5 seconds

Through Holes

Solder Pads

2.3

2

13

7

11.1

13.8

2.4

1.2

Ø 1

1

9

18.2

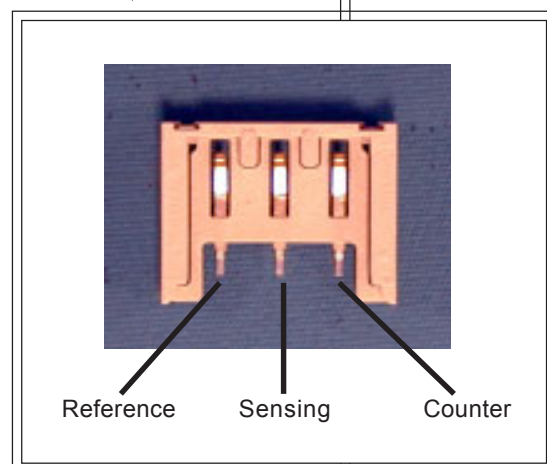
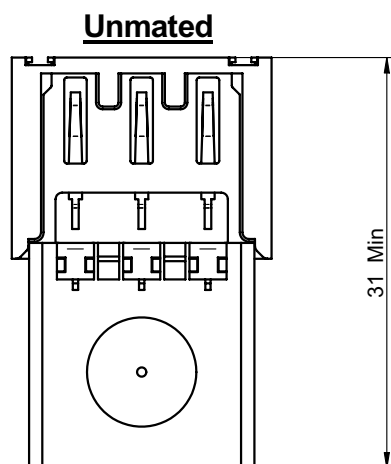
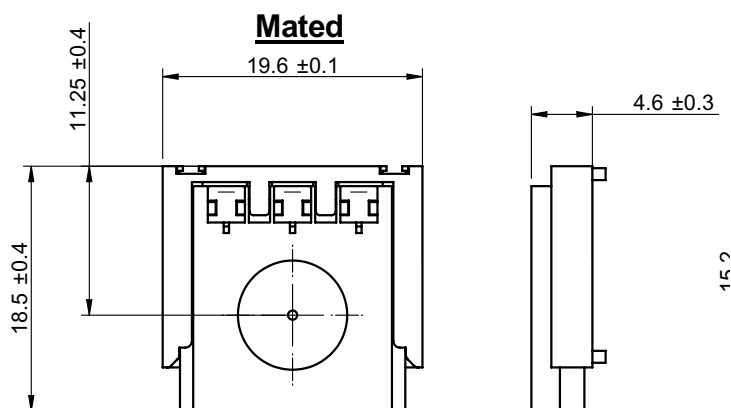
Component Side
2:1

Technical drawings of the PCB assembly showing dimensions in millimeters:

- Top View:** Overall width 19.6, overall height 15.2, mounting hole diameter $\varnothing 0.9$, distance between mounting holes 7, distance from edge to mounting hole 4.1, distance between mounting holes 5 Pitch, distance from edge to mounting hole 4.1, distance between mounting holes 18.2, distance from edge to mounting hole 0.7, distance from edge to mounting hole 0.8, distance from edge to mounting hole 13, distance from edge to mounting hole 2.75, distance from edge to mounting hole 5.
- Side View:** Overall height 13.8, distance from edge to mounting hole 0.9, distance from edge to mounting hole 0.5, distance from edge to mounting hole 0.7, distance from edge to mounting hole 0.8, distance from edge to mounting hole 1.
- Bottom View:** Overall width 17.1, overall height 1.85, distance from edge to mounting hole 0.6, distance from edge to mounting hole 3.1, distance from edge to mounting hole 1.

All dimension
All tolerances ± 0.1
otherwise

All dimensions in mm
All tolerances $\pm 0.15\text{mm}$ unless
otherwise stated

MICROpeLTM Connector and sensor Outline Dimensions

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

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