

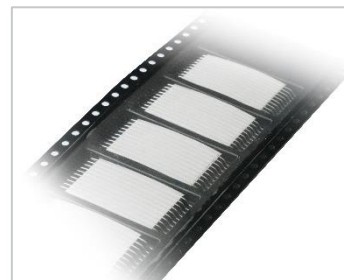
Hitaltech's SMD L are flexible board connections with individual bridging lengths between 20-40mm. The SMD L combine advantages of SMD technologies of SMD Jumper with individual insulation length of Hitaltech's Fix Jumper. Therefore SMD L is a flexible solution for various assembly configuration on electronic PCB assy.

## Benefits

- » Automatic assembly by SMD pick and place process
- » Variety of possible applications in electronic modules
- » Economic alternative compared to milled and rigid flexible PCB's
- » Higher flexibility and resistance against breakage compared to the step-milled PCB's
- » No additional manual assy process required
- » Reflow soldering (PB-free recommended reflow profile DIN EN 61760)
- » Subsequent bending of the connected PCB's up to 180° are possible
- » High vibration and bending resistance

## Characteristics

- » Tape and Reel Packaging
- » Pitch: 1mm, 1.25mm, 1.27mm
- » Number of Pins: 4 to 16
- » Bridging Length: 20mm to 40mm (pad to pad)
- » Insulation Material: Nomex®
- » Total length starting at minimum 20mm
- » Operating Temperature: -40°C to +125°C (depending on installation situation)
- » Current Rating: 2A @ 20°C (DIN EN 60512-5-2)
- » Insulation Resistance: ( $\Omega$ )  $10^{10}$
- » Conductor Material: Cu-ETP (E-Cu); min 1.5  $\mu$ m Sn plated
- » Conductor Size: AWG 28 (0.32mm)
- » Recommended Reflow Profil: DIN EN 61760
- » Voltage Rating: (VDC) 200V
- » Dielectric Strength: (VDC) 700V



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