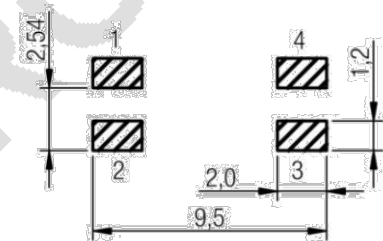


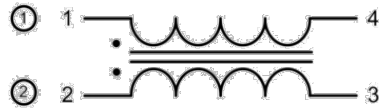
1. Shape & Dimensions (mm)



2. Recommended Land Pattern (mm)



3. Electrical Properties

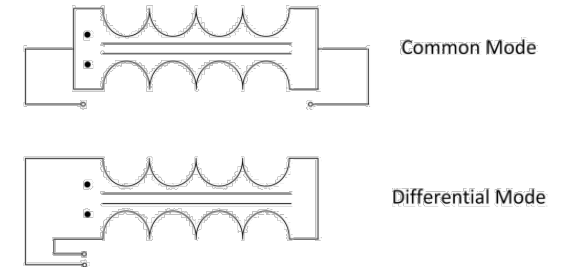


Part Number	Inductance L	Impedance Zmax @ 25°C	Rated Current IR @ ΔT = 40 K	DC Resistance RDC	Insulation Test Voltage UT	Rated Voltage UR
PVT-MDLC0905-100N	2x10uH ± 30%	920Ω typ	1600mA max	2x 0.08Ω max	500V(AC) max	80V
PVT-MDLC0905-103F	2x10000uH ± 50%	25000Ω typ	350mA max	2x 1.2Ω max	500V(AC) max	80V

Remarks:

- A. Inductance: 10uH~20000uH
Test Condition: 1KHz~100KHz
Impedance: 920Ω~50000Ω Typ.
Rated Current: 200mA~1600mA max. DC current that will cause an approximate ΔT of 40°C
DC Resistance: 0.08Ω~2.6Ω Max.
- B. It is recommended that the temperature of the part does not exceed 125°C under worst case conditions.
- Operating Temperature: -40°C to +125°C
 - Storage Temperature (on tape & reel): -20°C to +40°C; 75% RH max.

4. Test Setup



5. Materials/Components List

Item	Material
Case	Plastic
Core	NiZn
Wire	Polysol-180 G1
Varnish	V1630FS
Soldering	Tin

Manufacturer information and UL ILE numbers for all materials available upon request