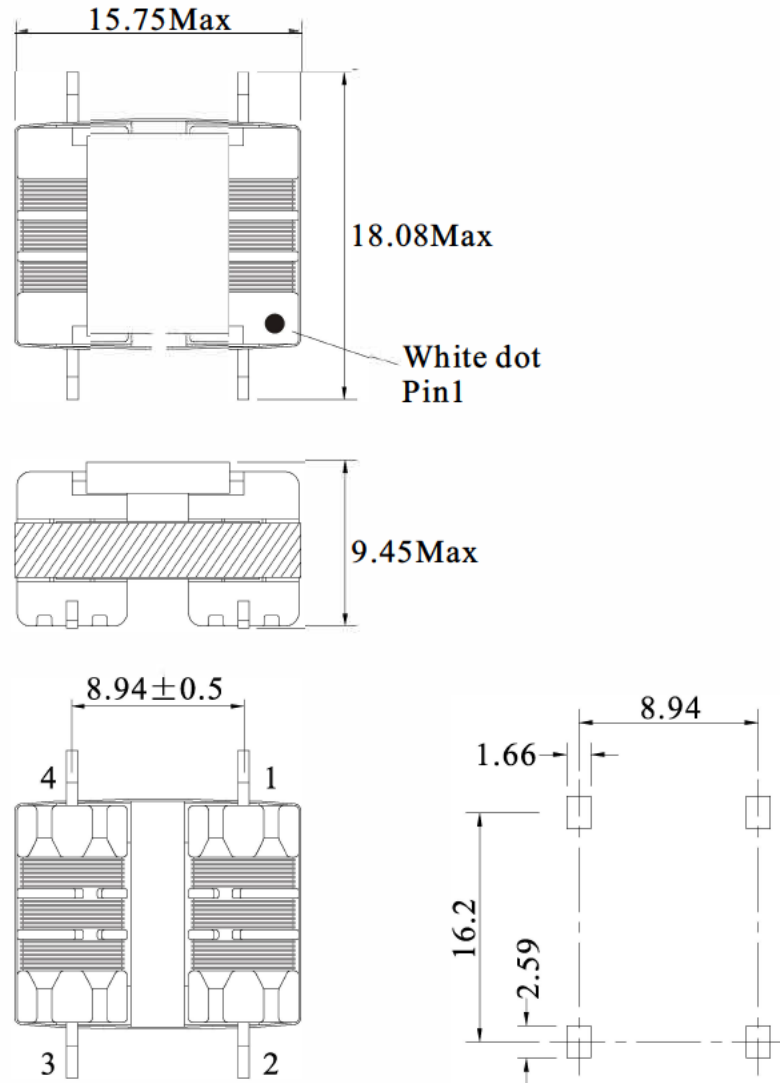
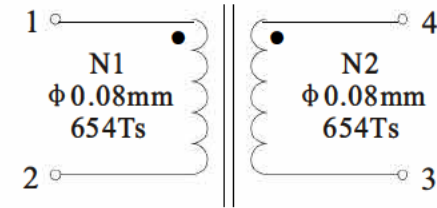


Rev.	Description	Date
A0	New release	2023.04.27

1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

Turns ratio: 1:1 \pm 2%

Inductance(1-2): 140mH Typ. (91mH Min) @10KHz, 0.1V

Isat(1-4): 100mA Max (tie(2+3) 20% rolloff from initial)

Irms: 90mA Max (Temp. rise 40°C Max)

RDC: 39 Ω \pm 10% each winding

LK(1-4): 18.5mH Min @100KHz, 0.1V, tie2+3

SRF: 190KHz typ.

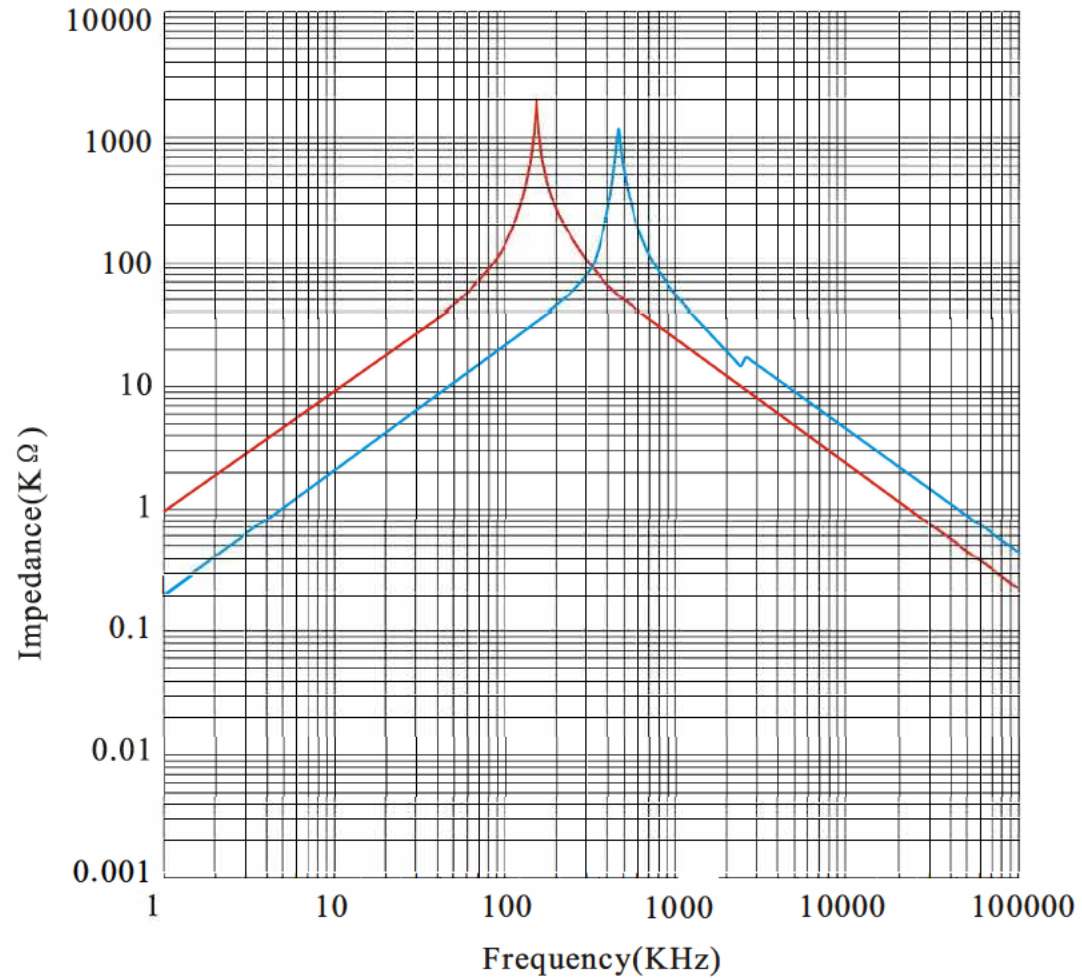
Hi-Pot: 1500Vac, 50Hz, 1mA, 60S

Operating temperature: -40°C to +125°C (Including temp. rise)

NAME:	Common mode choke		
Schmid- M P/N:	CHOKE S MD 140mH-90mA-2LN	DATE:	2023-04-27
		REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	

SCHMID-M

Impedance vs Frequency



Common mode ———
 Difference mode ———

NAME:	Common mode choke		
Schmid- M P/N:	CHOKE S MD 140mH-90mA-2LN	DATE:	2023-04-27
		REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	

