

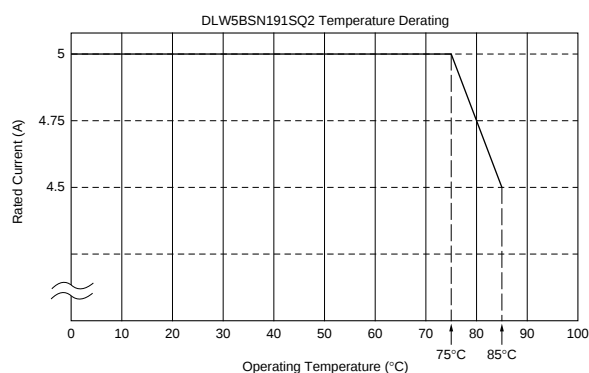
muRata

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Derating

DLW5BSN191



DLW5BT Series

Low profile (h=2.5mm) chip common mode choke coil.
Suitable for noise suppression at DC power line.

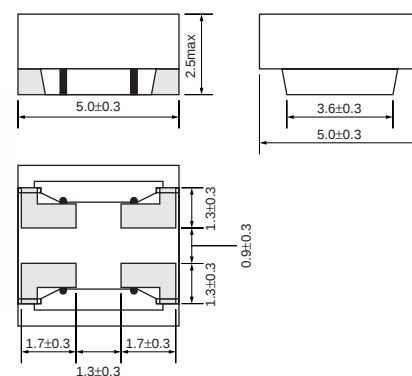
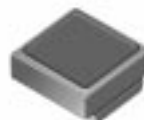
Features

1. Low profile (h=2.5mm)
2. Small size (5.0x5.0mm) and high rated current (1.5 to 6 A)
3. High common mode Impedance (max. 1400ohm, at 100MHz)

Applications

Noise suppression for power line

1. Power line equipment
 - DC-DC converter
 - battery charger
2. Portable equipment
 - PDA (Personal Digital Assistance)
 - note PC
 - printer

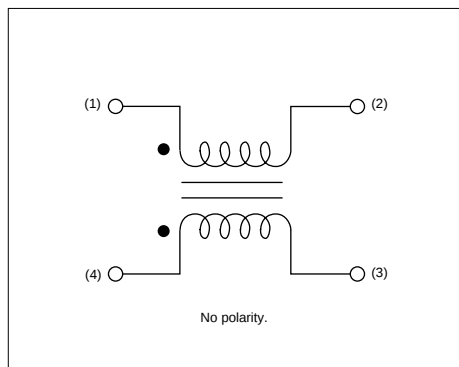


(in mm)

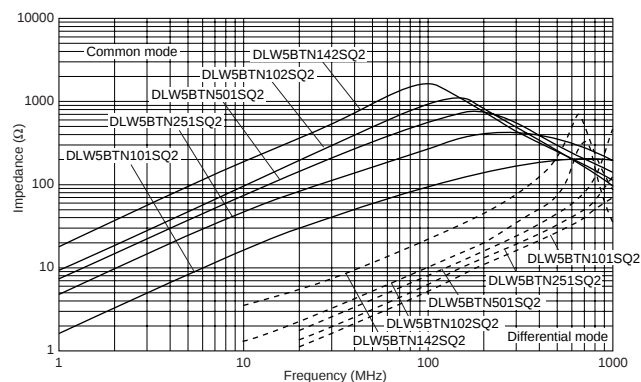
Part Number	Common Mode Impedance (at 100MHz, 20 degree C) (ohm)	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (min.) (M ohm)	Withstand Voltage (Vdc)	DC Resistance (ohm)
DLW5BTN101SQ2	100 (Typ.)	6000	50	10	125	0.009 (Typ.)
DLW5BTN251SQ2	250 (Typ.)	5000	50	10	125	0.014 (Typ.)
DLW5BTN501SQ2	500 (Typ.)	4000	50	10	125	0.019 (Typ.)
DLW5BTN102SQ2	1000 (Typ.)	2000	50	10	125	0.024 (Typ.)
DLW5BTN142SQ2	1400 (Typ.)	1500	50	10	125	0.040 (Typ.)

Operating Temperature Range : -25°C to 85°C

■ Equivalent Circuit



■ Impedance-Frequency (Typical)



■ Derating

