

On-Board Type (DC) EMI Suppression Filters (EMIFIL[®]) for Automotive

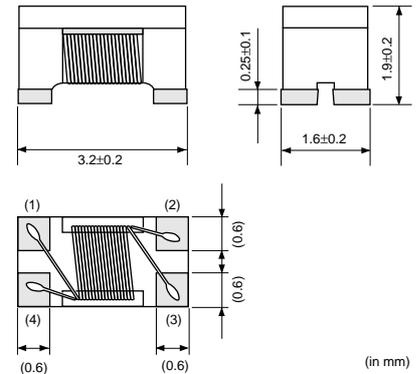


Chip Common Mode Choke Coil DLW31S Series

DLW31S series is a high performance wound type chip common mode choke coil.

■ Features

1. DLW31S is the small size (3.2x1.6x1.9mm).
2. Suitable for noise suppression at car area networks like CAN (Controller Area Network) bus.
3. DLW31S has high common mode impedance so it is suitable for noise suppression through wide frequency range.
4. Wide operating temperature range (-40 to +125 degrees C)



(in mm)

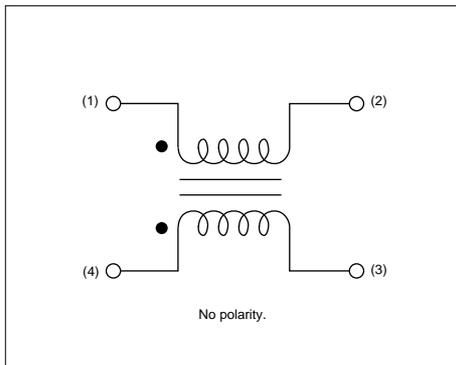
■ Applications

Noise suppression at car area networks like CAN bus or car navigation system.

Part Number	Common Mode Impedance (at 100MHz, 20°C) (ohm)	Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (min.) (M ohm)	Withstand Voltage (Vdc)	DC Resistance (ohm)
DLW31SH222SQ2	2200 ±25%	80	32	10	80	1.6 ±20%

Operating Temperature Range: -40°C to 125°C

■ Equivalent Circuit



■ Impedance - Frequency Characteristics

