

EMC Components

Common-Mode Choke Coils for Signal Line

P/N: BCM-5120 DATA SHEET

A. General Specifications:

1. A common-mode filter for distortion-free noise removal from transmitted signals. Optimized for transmission of high quality signals.
2. Best filter for countering the common-mode noise resulting from data signal processing by PCs, phone equipment, etc.
3. SMD-type designed for surface mounting.
4. Due to a maximum current tolerance of 5A, can also be used to counter power line noise.

B. Electrical Specifications@25°C :

1. Rated voltage Edc(V) : 50
2. Rated current(A) : 2
3. Test voltage Edc(V) : 125 [Between terminals for 5 ns]
4. Insulation resistance(M Ω) : 100 Min. [Between terminals at DC. 50V for 1 min]
5. DC resistance(Ω) : 0.06 Max. [Each line]
6. Impedance (Ω) : 200 Min. [+5 to +35°C] [20 to 300 MHz]
7. Operating temperature range(°C) : -25 to +85

C. Schematics & Mechanical

