



Multilayer Common Mode Choke Coils

GCF1210NF2-Series

1. Scope

1. This specification applies to Multilayer Common Mode Choke Coil, GCF Series Its Application is limited for the High speed differential transmission line like as followings.

USB, LVDS, MIPI, MDDI, MHL, HDMI, DVI.

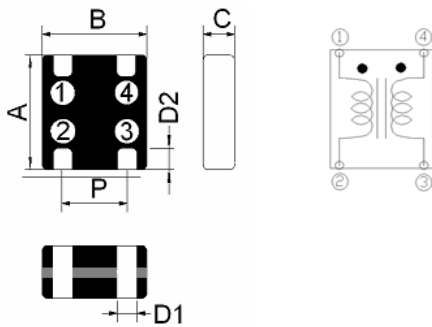
2. Operating Temperature:-40~+85℃ (Including self-generated heat)



2. Dimensions

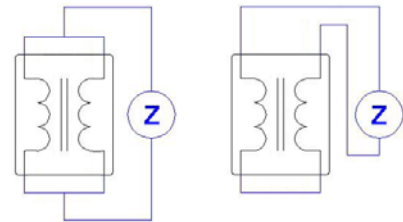
Chip Size						
Size	A	B	C	P	D1	D2
1210	1.25±0.15	1.00±0.15	0.55 ±0.10	0.55±0.10	0.30±0.10	0.20±0.10

Units: mm



Common mode

Differential mode



3. Part Numbering

GCF	1210	NF2	-	900	T	01
A	B	C		D	E	F

A: Series

B: Dimension

C: Material

D: Impedance

E: Packaging

F: Rated Current

A x B

Lead Free Code

Common Mode Impedance

T=Taping and Reel

900=90Ω

4. Specification

Part Number	Common Mode Impedance (Ω)	Test Frequency (MHz)	Rated Voltage (Vdc) max.	Insulation Resistance (MΩ) min.	DC Resistance (Ω) max.	Rated Current (mA) max.
GCF1210NF2-400T01	40±25%	100	5	100	2.5	100
GCF1210NF2-900T01	90±25%	100	5	100	4.5	100

● Rated current: based on temperature rise test



Impedance-Frequency Characteristics

