



Multilayer Common Mode Choke Coils

GCF0605NF2-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)

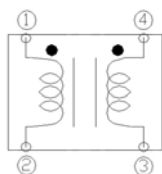
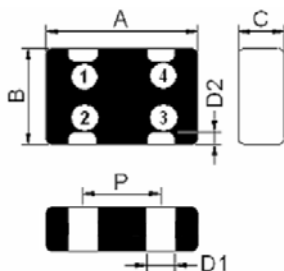


Certificate
GreenPartner

2. Dimensions

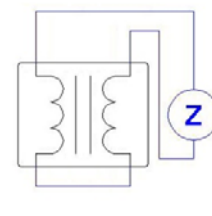
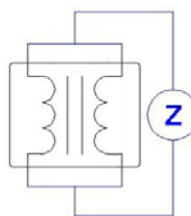
Chip Size						
Size	A	B	C	P	D1	D2
0605	0.65±0.05	0.50±0.05	0.30±0.05	0.40±0.10	0.15±0.10	0.12±0.10

Units: mm



Common mode

Differential mode



3. Part Numbering

GCF	0605	NF2	-	900	T	00
A	B	C		D	E	F

A: Series

B: Dimension A x B

C: Material Lead Free Code

D: Impedance Common Mode Impedance 900=90Ω

E: Packaging T=Taping and Reel

F: Rated Current

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.
GCF0605NF2-900T00	90±25%	100	5	100	3.9	50

- Rated current: based on temperature rise test

Impedance-Frequency Characteristics

