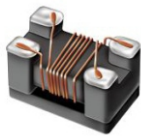


GCM Series



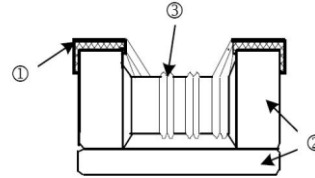
● Features:

- Small chip inductor with ferrite core and two line types wire wound
- Highly effective in noise suppression High common-mode impedance at noise band and low differential-mode impedance at signal band
- Low differential-mode impedance with high coupling factor. There is almost no distortion on high-speed signal.

● Applications:

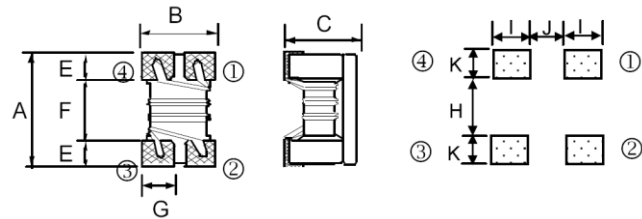
- EMI Radiation Noise Suppression for Any Electronic Device
- USB Line for Personal Computers and Peripheral
- IEEE 1394 Line for Personal Computers, DVC, STB
- LCD Panels. Low-Voltage Differential Signal (LVDS)

● Construction



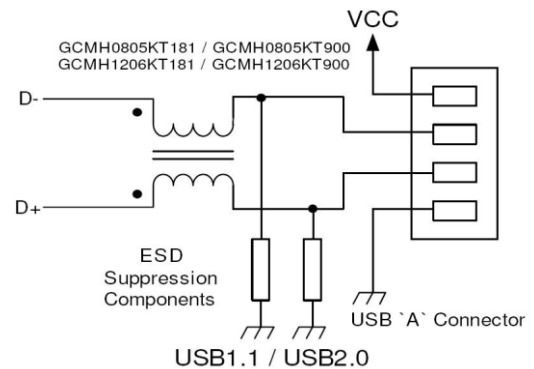
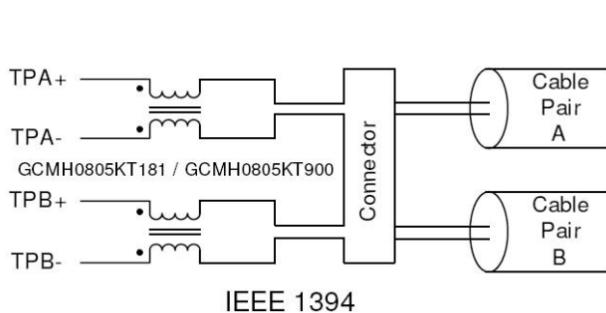
①	②	③
Terminal	Ferrite	Enamel-insulated wire

● Dimensions and Land Patterns. (UNIT: mm)



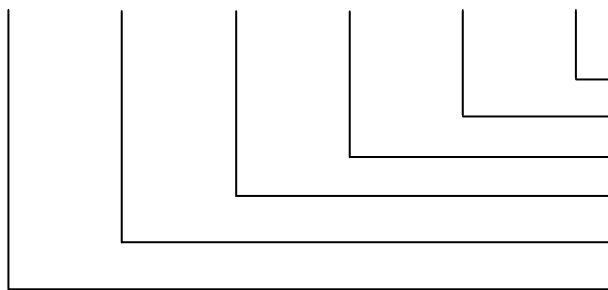
● Operating temperature -40°C~85°C

TYPE	Size	A	B	C	E	F	G	H	I	J	K
GCMH05	0805	2.0±0.2	1.2±0.2	1.2±0.2	0.45	1.2	0.4	0.8	0.4	0.4	0.90
GCMH06	1206	3.2±0.2	1.6±0.2	1.9±0.2	0.60	2.0	0.6	1.6	0.6	0.4	1.05



● Part Numbering

GCM H 05 M T 900



Impedance :900:90Ω 121:120Ω 102:1000Ω
 Packaging Code: Taping Reel B: Bulk
 Impedance Tolerance: M: ±20%
 Dimensions: 05:0805 06:1206
 H: Shielding
 Product Type

Standard Electrical Specifications

GCMH05 / Standard Type

PART No.	Impedance (Ω)	Tolerance	Test Condition	DCR (Ω)max.	IDC (mA)max.	Rated Voltage Vdc(V)
GCMH05MT670	67	M	100MHz	0.25	400	50
GCMH05MT900	90	M	100MHz	0.35	330	50
GCMH05MT121	120	M	100MHz	0.35	370	50
GCMH05MT181	180	M	100MHz	0.35	330	50
GCMH05MT201	200	M	100MHz	0.35	330	50
GCMH05MT261	260	M	100MHz	0.40	300	50
GCMH05MT361	360	M	100MHz	0.40	280	50
GCMH05MT371	370	M	100MHz	0.40	280	50

Withstanding Voltage Vdc: 125V Insulation Resistance :10M Ω min.

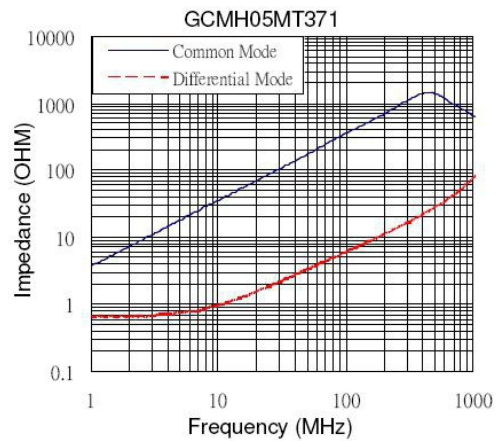
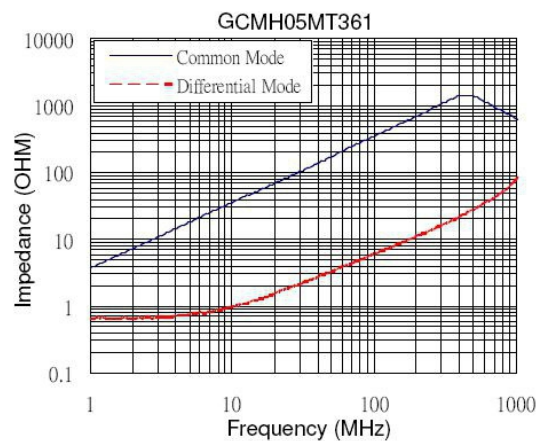
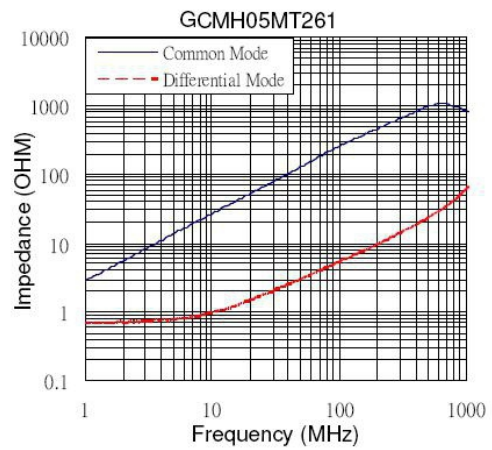
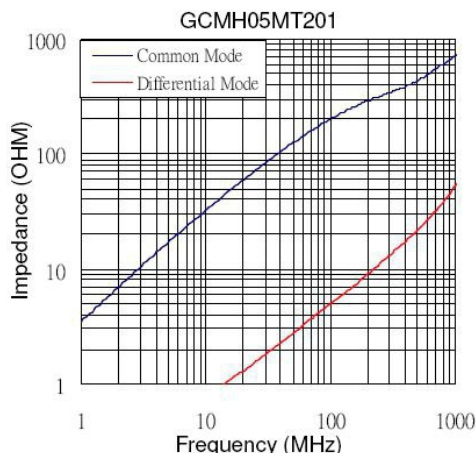
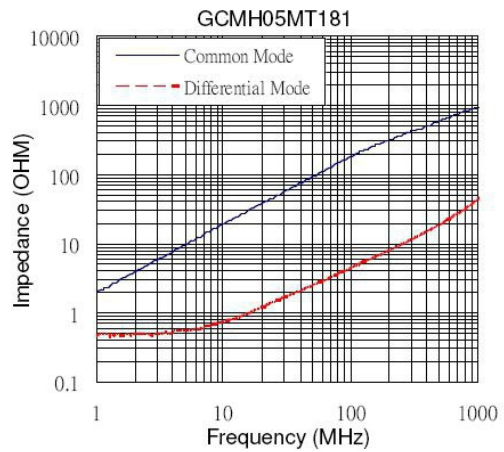
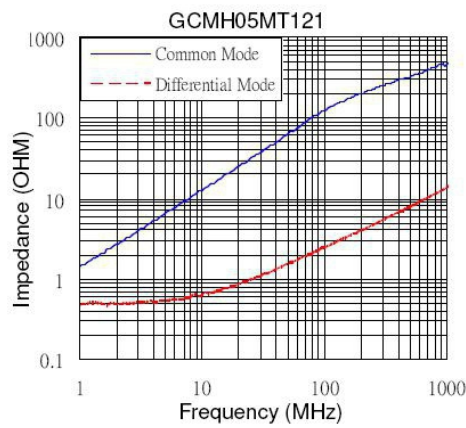
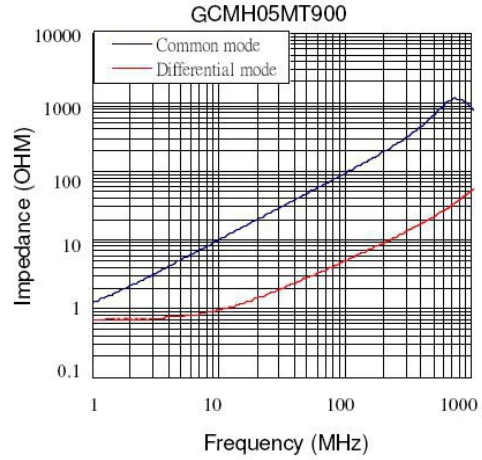
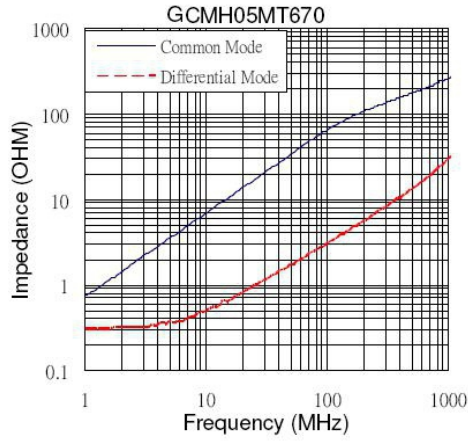
GCMH06 / Standard Type

PART No.	Impedance (Ω)	Tolerance	Test Condition	DCR (Ω)max.	IDC (mA)max.	Rated Voltage Vdc(V)
GCMH06MT900	90	M	100MHz	0.30	370	50
GCMH06MT161	160	M	100MHz	0.40	340	50
GCMH06MT261	260	M	100MHz	0.50	310	50
GCMH06MT601	600	M	100MHz	0.80	260	50
GCMH06MT102	1000	M	100MHz	1.00	230	50
GCMH06MT222	2200	M	100MHz	1.20	200	50

Withstanding Voltage Vdc: 125V Insulation Resistance :10M Ω min.

All specifications are subject to change without notice

Characteristics (Impedance vs. Frequency)-GCMH05



Characteristics (Impedance vs. Frequency)-GCMH06

