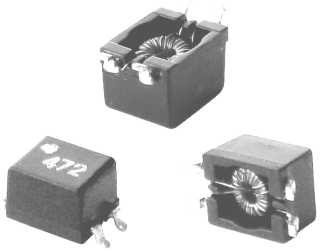
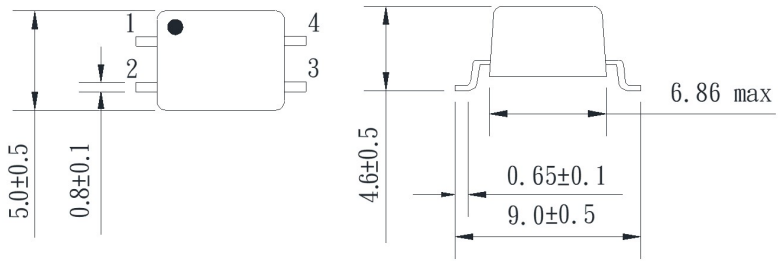
Common Mode Filters - YT006T Series

EXTERNAL DIMENSIONS

(Unit: mm)





Part Number	Common Mode Impedance (Ω Max)	OCL (uH)	Test Frequency (KHz)	Rated Current (A) Max.	DC Resistance (Ω)Max.	Withstanding Voltage	Circuit Fig
YT006T-510CS	5500	51±30%	100	1.0	0.16	AC500V/3mA/3S	1
YT006T-251CS	1800	250±50%	100	1.2	0.13	AC500V/3mA/3S	1
YT006T-471NS	-	470±30%	100	0.7	0.28	AC750V/3mA/1S	1
YT006T-102CS	6000	1000±50%	100	0.8	0.31	AC500V/3mA/3S	1
YT006T-202CS	9200	2000±50%	100	0.6	0.42	AC500V/3mA/3S	1

Test Equipment and Conditions

- Impedance measured using HP-4291B impedance analyzer with HP-16092 test fixture.
- DC Resistance with CH-16502A meter.
- OCL with HP-4284A.
- Withstanding Voltage with CH-19073.
- Operating temperature : –40℃~ +125℃.

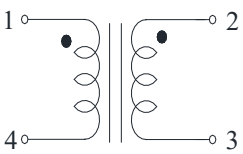
Features

- Optimal common mode filter for removing noise without straining the transmission signal and for transmitting High-guality signals.
- Optimal countermeasure for common mode noise induced during data transmission for digital signal processing such as in PCs and telephones.
- SMD type structure makes it optimal for surface mounting.
- Up to 2A current is allowable, so it can be used as a noise countermeasure for power supply lines.

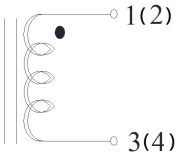
Applications

- PCs, telephones, LANs, ISDNs, digital PBXs, game machines, CTVs, CD-ROMs, 8mm video cassette recorders

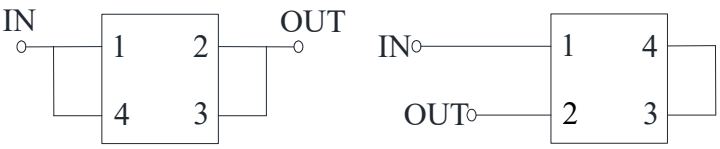
Schematic Fig1:



Schematic Fig2:



Test Mode:



Common Mode Choke - YT006T Series

Impedance vs. Frequency

SMT