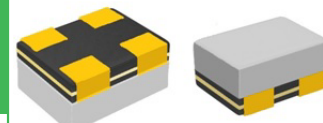


Thin Film Common Mode Filter



0.88 x 0.68 x 0.5mm

ACMF-03



RoHS/RoHS II Compliant

FEATURES:

- Compact thin film low profile design
- Effective for suppressing common mode noise at high frequency
- Wide bandwidth (cutoff frequency: 2.1GHz) for high speed differential signals.
- Supports lead-free soldering.

APPLICATIONS:

- Common mode noise suppression of differential signal lines in high speed and high-density digital equipments such as USB 2.0, IEEE1394, LVDS, Digital Camera, Scanner, etc.
- Digital audio and video equipments such as PDA, DSC, DVC, CD Player, DVD Player, etc.

ELECTRICAL SPECIFICATIONS:

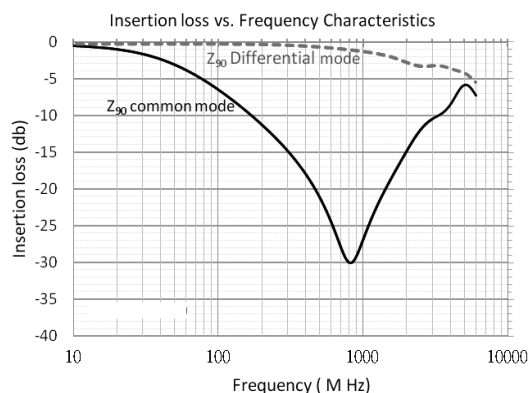
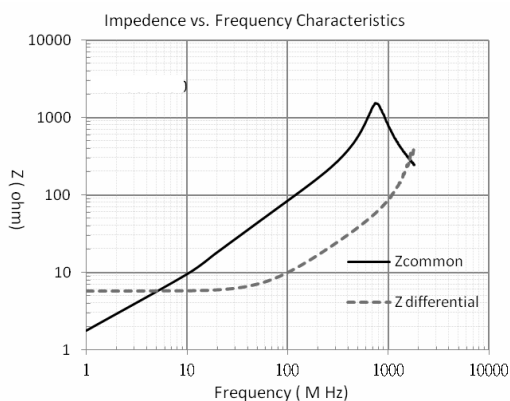
Operating Temperature: -55°C to +150°C

Storage Temperature: +22°C to +28°C, 80% RH max (In tape and reel)

Part No	Impedance (Ω)	Impedance Tolerance (%)	Test Frequency (MHz)	DCR(Ω) [1 line]	IDC (mA) max.	Rated Voltage (V) max.	Cutoff Frequency (GHz) typ.	Insulation Resistance (MΩ) min.
ACMF-03-300-T	30	±20%	100	1.5±25%	100	10	7.5	10
ACMF-03-530-T	53	±20%	100	2.3±25%	100	10	5.0	10
ACMF-03-900-T	90	±20%	100	2.8±30%	100	10	2.1	10

FREQUENCY CHARACTERISTICS

ACMF-03-900



ACMF-03-300 and ACMF-03-530

