

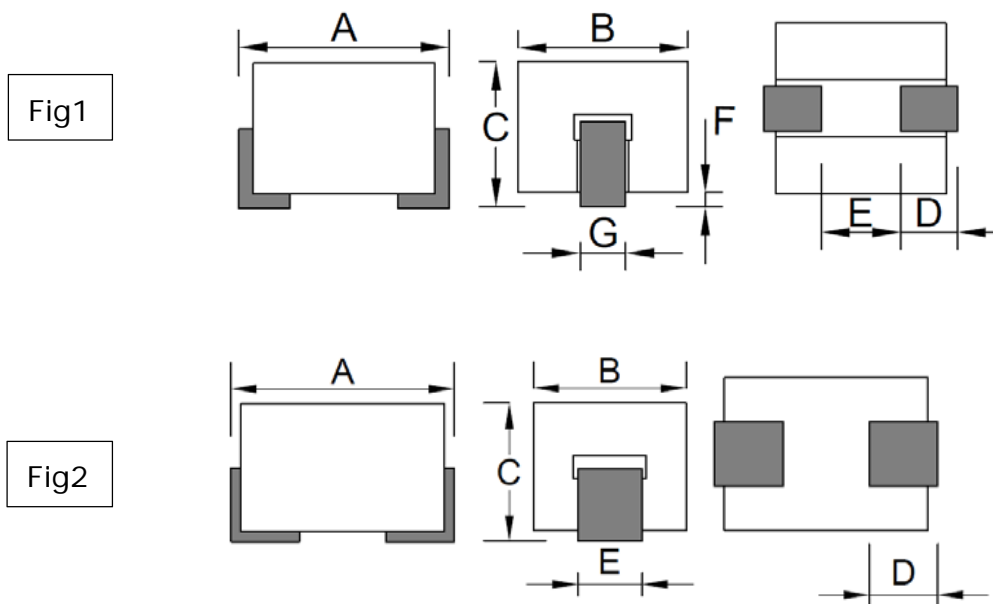
FEATRLRES

Minimal effect on transmission waveforms. Provide low cost noise coun-termeasures right at the data lines.Can be added as First-Aid,On-The Spot counterme-asures when equipment or devices fail.Application: Com-puters, peripherals and term-inals data, Terminal equipm-ent.NC machines.Measuring equipment, equipment using sensors. OA equipment,Plain paper copiers. Improvement of noise immunity for TVs, FM/AM Tuners, VTRs/VCRs.Harness noise countermeas-ures for automobiles.ISDN terminal equipment.

Applications

LAN matching and isolation transformers.LAN common mode chokes.Power supply common chokes. Inductors. Current sensing transformers. DC-DC converters. Telecommunications. transformers. Linghting Ballasts. EMI filters.

CONFIGLRATIONS & DIMENSIONS (unit in mm)



Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Fig
HCA322521	3.10 ±0.15	2.50 ±0.15	2.15 ±0.15	0.85 ±0.20	1.20 ±0.20	0.00~0.10	0.70 ±0.10	Fig1
HCA323023	3.08+0.10/-0.15	2.9 ±0.10	2.20 ±0.10	0.8 ±0.20	1.2 Min.	0.00~0.11	0.85 ±0.10	Fig1
HCA403025	4.30~5.10	3.1 ±0.15	2.70~3.1	1.35±0.20	1.35±0.15	-	-	Fig2
HCA853025	9.0 ±0.40	3.0 ±0.15	2.8 ±0.25	1.50±0.50	1.25±0.20	-	-	Fig2

Electrical characteristics

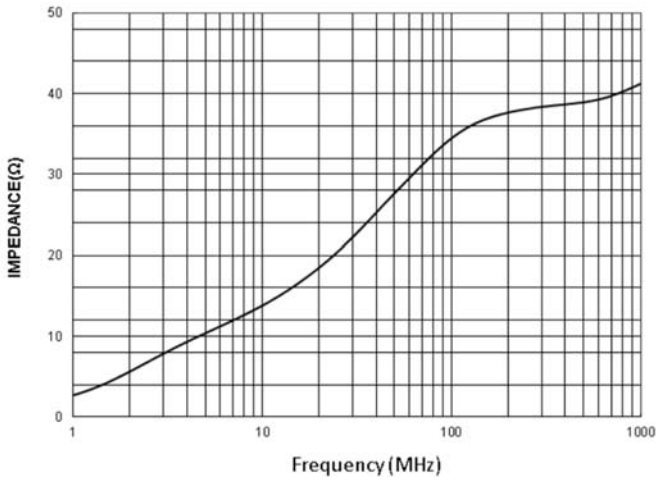
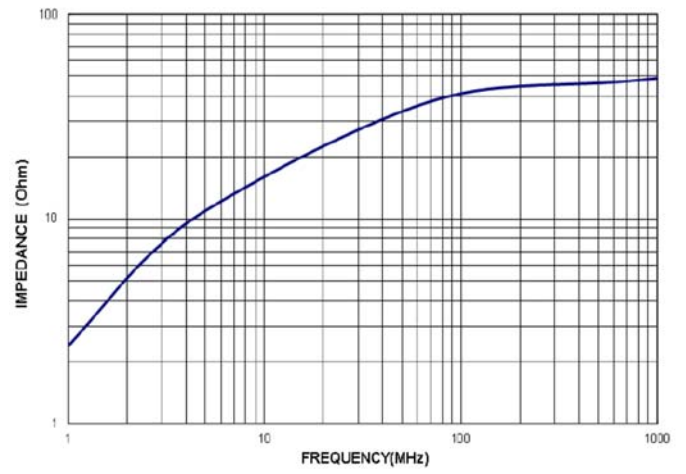
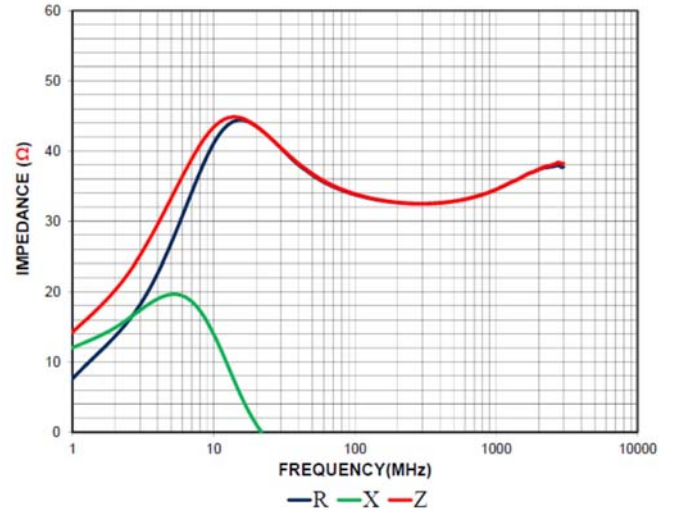
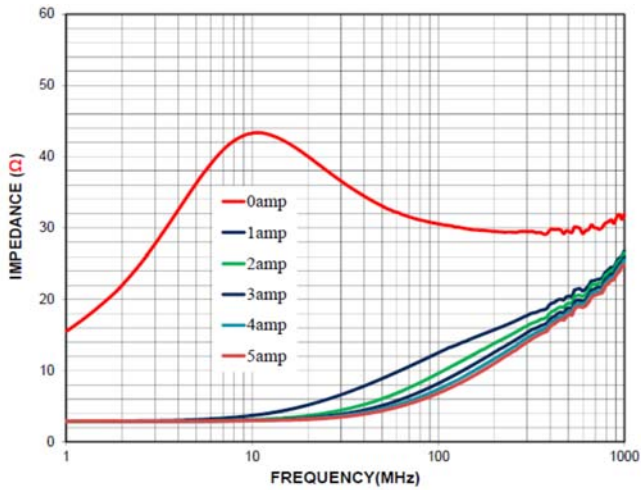
Part Number	ELECTRICAL REQUIREMENTS 1			ELECTRICAL REQUIREMENTS 2		DCR (mΩ)Max	Rated Current(A)
	Impedance (Ω)	Tolerance (%)	Test Frequency (MHz)	Impedance (Ω)	Test Frequency (MHz)		ΔT=40°C TYP.
							ΔT=60°C TYP.
HCA322521-350T	25	25	25	35	100	0.6	21
HCA323023-400T	23	25	25	40	100	0.6	21/26
HCA403025-470T	20	25	1	47	10	0.75	24/28
HCA403025-530T	35	25	25	53	100	0.6	35/45
HCA853025-101T	65	25	25	100	100	1.0	30/40

Note:

Rated Current :

- (1) Chroma high current test fixture.
- (2) PCB test fixture (30x45mm copper pattern , 50um copper thickness).

Typical Impedance v.s. Frequency Curve

HCA322521-350T

HCA323023-400T

HCA403025-470T

HCA403025-530T
