



CLAMP FILTERS FOR CABLE

MODEL

- | ECAK
- | ECAK5
- | ERRH
- | ECDN
- | ECRK
- | ECRH
- | ECIK
- | ECKT
- | ECQK



FEATURES

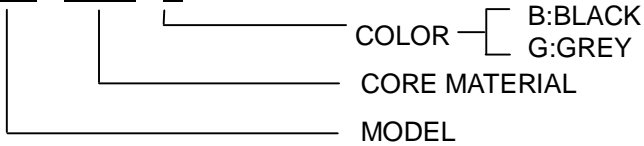
- | Unique plastic case ensures simple, convenient installation and includes a self-holding mechanism to prevent slippage on cables.
- | Ferrite core provides excellent absorption of high-frequency EMC.
- | Highly effective as countermeasure against common mode EMC without adverse effect on signal quality.
- | Large core size prevents saturation during large signal surges.

APPLICATIONS

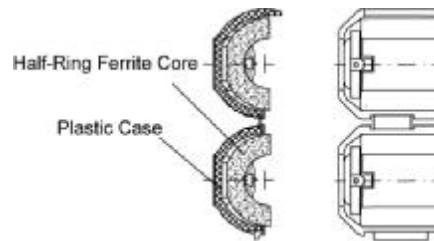
Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles.

PRODUCT IDENTIFICATION

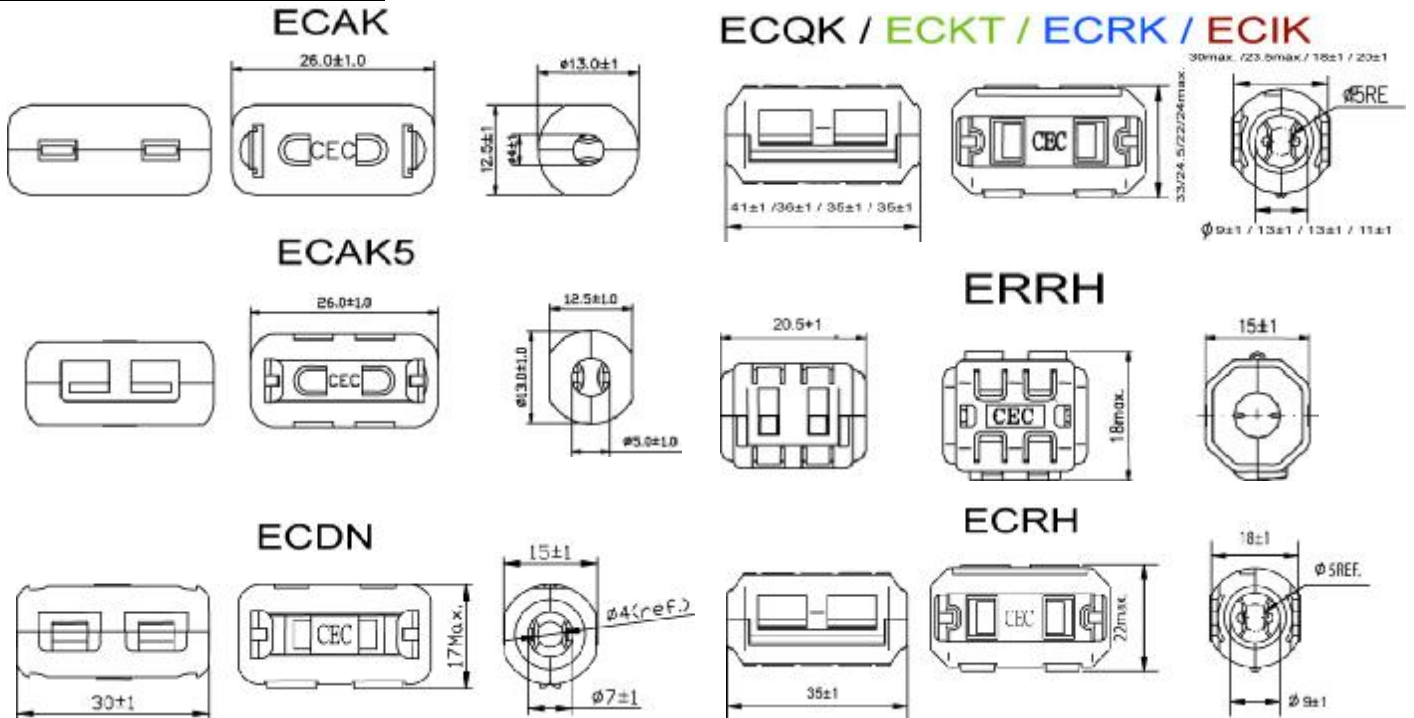
ECIK - EA2G - B



INTERNAL CONSTRUCTION



SHAPES AND DIMENSIONS





CLAMP FILTERS FOR CABLE

Specification table of Clamp Filters for Cable

MODEL	IMPEDANCE	MEASURING FREQUENCY (MHz)	WEIGHT (g) ref.	ØCable
ECAK-EL6E-B	50ΩMin.	50-1000	7	2.5-4.0
ECAK-EL6E-G				
ECAK-EL5-B	70ΩMin.	25		
	120ΩMin.	100		
ECAK-EL5-G	70ΩMin.	25		
	120ΩMin.	100		
ECAK5-EL6E-B	85ΩMin.	25	7	3.0-5.0
ECAK5-EL6E-G	125ΩMin.	100		
ERRH7-CL5-W	65ΩMin.	50	7.6	4.8-6.5
	80ΩMin.	100		
	100ΩMin.	200		
ECDN-EHF60-B	70ΩMin.	25	12	4.0-6.5
ECDN-EHF60-G	115ΩMin.	100		
	114ΩMin.	200		
ECRH-CAF03-B	70ΩMin.	70	20.7	6.5-9.0
	90ΩMin.	90		
	100ΩMin.	100		
	120ΩMin.	200		
ECIK-EA2G-B	75ΩMin.	25	23.5	6.0-10.5
ECIK-EA2G-G	130ΩMin.	100		
	165ΩMin.	200		
ECIK-EL6E-B	70ΩMin.	70		
ECIK-EL6E-G	100ΩMin.	100	29	10.0-13.0
	125ΩMin.	125		
ECKT-EL5-B	70ΩMin.	25	29	10.0-13.0
ECKT-EL5-G	120ΩMin.	100		
ECQK-EL5-B	105ΩMin.	25	62.5	10.0-13.0
ECQK-EL5-G	180ΩMin.	100		
	250ΩMin.	200		

Testing condition:

(A) Ø1.0mm tinned copper; wire length: 100mm; unload. turns: 1T

MODEL	IMPEDANCE	MEASURING FREQUENCY (MHz)	WEIGHT (g) ref.	ØCable	TESTING CONDITION			
ECRK7-CA2G- B	110ΩMin. 230ΩMin. 290ΩMin.	25 100 200	24	5.0-7.0	Ø1.0mm(2UEW); wire length: 100mm; turns: 1T Ø1.0mm(2UEW); wire length: 200mm; turns: 2T			
ECRK7-CA2G-G	475ΩMin. 970ΩMin.	25 100						
ECRK7-CL6E-B	135ΩMin. 190ΩMin. 205ΩMin.	25 100 200						
ECRK7-CL6E-G	570ΩMin. 680ΩMin.	25 100						
ECRK9-CA2G-B	85ΩMin. 175ΩMin. 230ΩMin.	25 100 200				21	5.0-9.0	Ø1.0mm(2UEW); wire length: 100mm; turns: 1T Ø1.0mm(2UEW); wire length: 200mm; turns: 2T
ECRK9-CA2G-G	355ΩMin. 790ΩMin.	25 100						
ECRK9-CL6-B	100ΩMin. 125ΩMin. 150ΩMin.	25 100 200						
ECRK9-CL6-G	420ΩMin. 490ΩMin.	25 100						

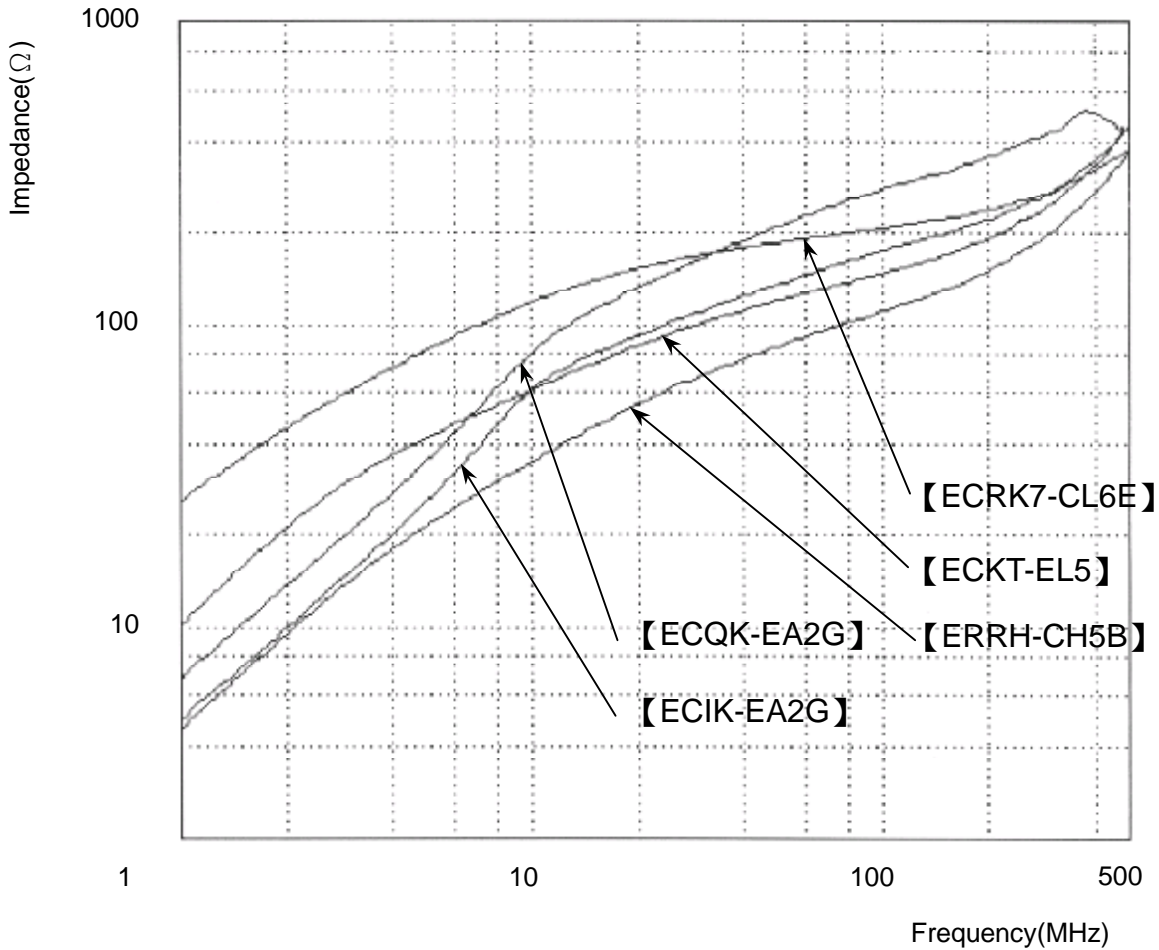
Testing instrument: HP-4395A or equivalent

※ Specifications other than the above will be furnished upon request.



CLAMP FILTERS FOR CABLE

IMPEDANCE-FREQUENCY CHARACTERISTICS



※ Specifications other than the above will be furnished upon request.