

# AC LINE FILTERS

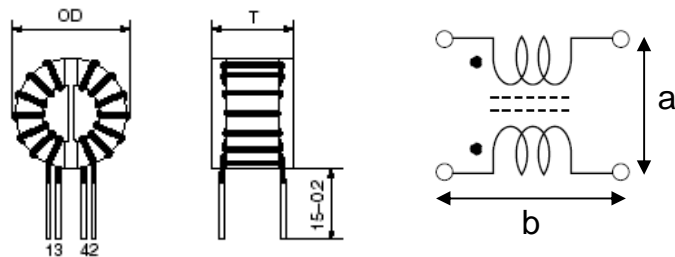


## FEATURES:

1. In use of various types of soft magnetic materials with very high permeability to meet specific requirements on wide-band frequency response and temperature stability
2. Available in vertical or horizontal w/ or w/o base

## APPLICATIONS:

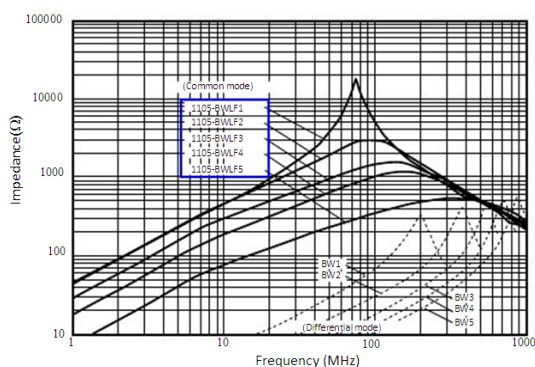
Power supply unit , LED-TV, Game console, Monitor, Consumer electronics, etc.  
Custom-design is welcome.



BW Part Number	Inductance (mH)	Rated current (A)	DC resistance (mΩ) max	Finished dimensions (mm)				Wire size (mm)
				OD (max)	T (max)	a	b	
BWCF7TR-021	1	2	110	23	13	10	13	0.6
BWCF7TR-022	8	2	150	34	23	18	21	0.6
BWCF7TR-023	2	10	28	47	27	30	30	1.3
BWCF7TR-024	2	15	12	50	28	35	35	1.8

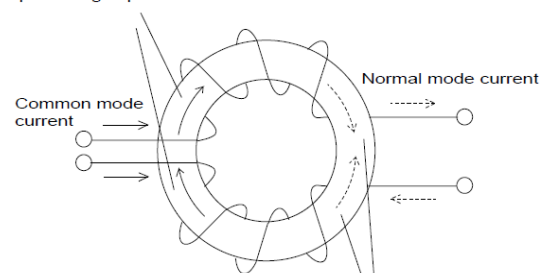
※Other specifications not shown in the above list are under request.

## • Typical impedance characteristics of the common-mode chokes:



## • Fundamental theory of a common-mode choke:

Magnetic flux caused by common mode current is accumulated, producing impedance.



Magnetic flux caused by differential mode current cancels each other, and impedance is not produced.