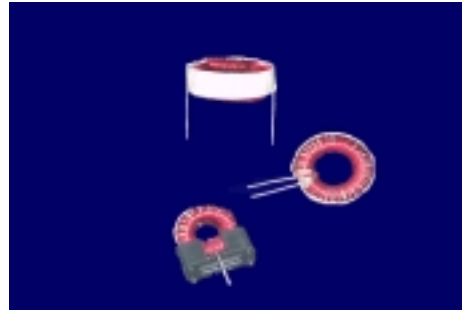
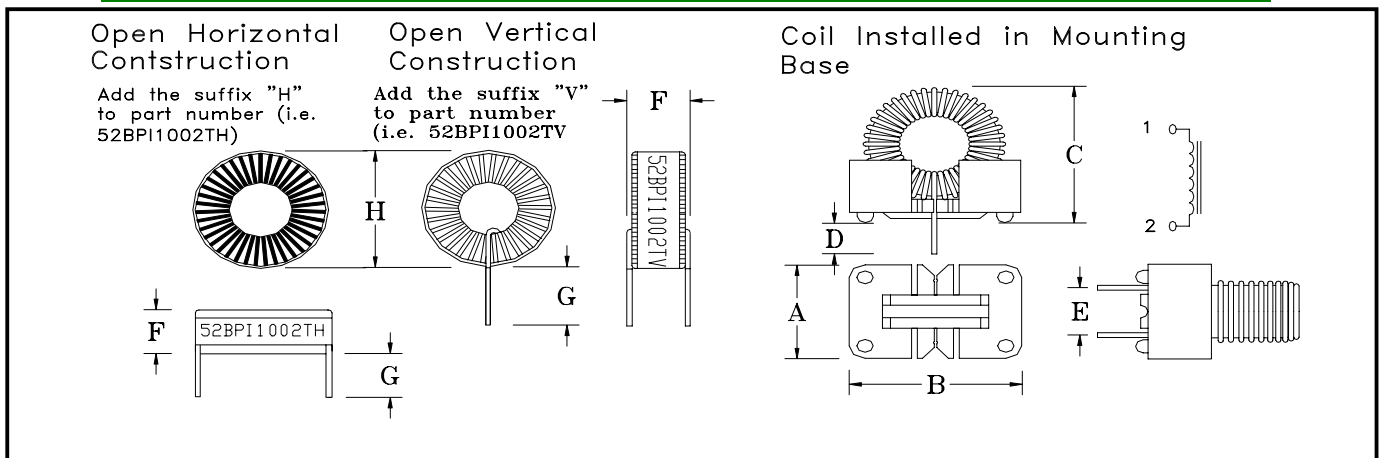


## Low Cost Power Inductors

Rev 6



- Low Loss Powdered Iron Cores
- Operating Temperature  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Designed for General-Purpose Applications
- Optional Mounting Bases Available



MNA Part Number	Ind. $\mu\text{H}$ $\pm 15\%$ @ 1 kHz	Current Rating ADC	Inc. I ADC $\Delta L$ 20%	DCR $\Omega$ Nom	Lead Dia	F Nom	G $\pm$ .062 in	H Nom	For additional mounting base add suffix "B" to part number (i.e. 52BP11002TB).				
									A Nom	B Nom	C Max	D Typ	E Typ
52BP11002T	10	6.157	4.402	0.012	0.032	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP13002T	30	3.770	2.540	0.032	0.025	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP15002T	50	2.625	1.942	0.066	0.020	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP17502T	75	2.986	1.611	0.051	0.025	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP18002T	80	2.327	1.536	0.084	0.020	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP19002T	90	2.274	1.467	0.088	0.020	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP11003T	100	2.200	1.376	0.094	0.020	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP12203T	220	1.612	0.930	0.175	0.018	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP12503T	250	1.560	0.869	0.187	0.018	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP13303T	330	1.291	0.759	0.273	0.016	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300
52BP14703T	470	1.061	0.635	0.404	0.014	0.340	0.500	0.620	0.450	0.650	0.730	0.150	0.300

Rated current is based on a  $35^{\circ}\text{C}$  temperature rise at an ambient temperature of  $90^{\circ}\text{C}$ .