

WI Series

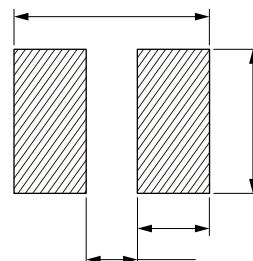
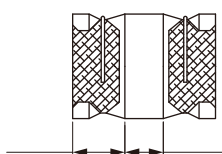
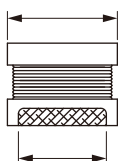
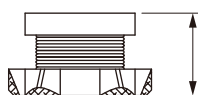
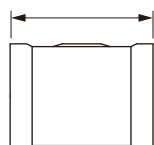


CHARACTERISTICS

- Nizn material with a high Q at high frequency
- Different sizes and wide inductances available
- Quantity: 2000pcs

APPLICATION

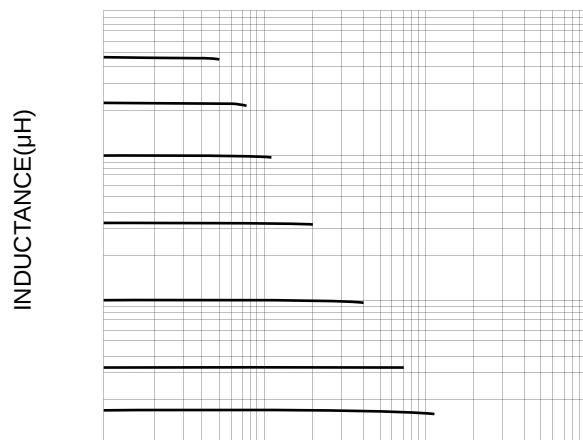
- Low power DC/DC converter
- Filter
- General circuit application



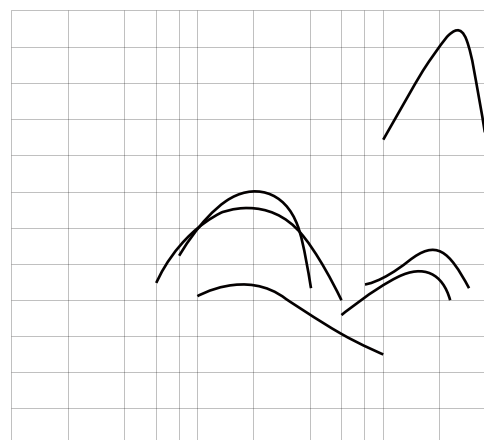
Part No				Test Frequency (Hz)					
				L	Q				
				1M	1M				
WI1210-1R2M	1.2	±20%		1M	1M				
				1M	1M				
WI1210-1R8M	1.8	±20%		1M	1M				
				1M	1M				
WI1210-2R7M	2.7	±20%		1M	1M				
				1M	1M				
WI1210-3R9M	3.9	±20%		1M	1M				
				1M	1M				
WI1210-5R6M	5.6	±20%		1M	1M				
				1M	1M				
WI1210-100K	10	±10%		1M	1M				
				1M	1M				
WI1210-150K	15	±10%		1M	1M				
				1M	1M				
WI1210-220K	22	±10%		1M	1M				
				1M	1M				

Part No	Inductance (μ H)	Tolerance	Q Ref.	Test Frequency (Hz)		SRF Min. (MHz)	DCR Max. (Ω)	Temperature Rise Current Max. (mA) $\Delta T=20^{\circ}\text{C}$	Temperature Rise Current Max. (mA) $\Delta T=40^{\circ}\text{C}$
				L	Q				
WI1210-390K	39	$\pm 10\%$	40	1M	1M	11	2.00	115	152
WI1210-470K	47	$\pm 10\%$	40	1M	1M	11	3.00	110	146
WI1210-680K	68	$\pm 10\%$	35	1M	1M	9	3.80	96	130
WI1210-820K	82	$\pm 10\%$	35	1M	1M	8.5	5.60	85	105
WI1210-101K	100	$\pm 10\%$	40	1M	796K	8	6.50	80	100
WI1210-121K	120	$\pm 10\%$	40	1M	796K	7.5	7.00	75	95
WI1210-151K	150	$\pm 10\%$	40	1M	796K	7	9.20	70	86
WI1210-181K	180	$\pm 10\%$	40	1M	796K	6	10.2	65	80
WI1210-221K	220	$\pm 10\%$	40	1M	796K	5.5	11.8	65	75
WI1210-271K	270	$\pm 10\%$	40	1M	796K	5	14.8	60	70
WI1210-331K	330	$\pm 10\%$	40	1M	796K	5	16.5	55	65
WI1210-391K	390	$\pm 10\%$	46	1M	796K	5	22.0	50	60
WI1210-471K	470	$\pm 10\%$	46	1K	796K	5	25.0	45	55
WI1210-561K	560	$\pm 10\%$	46	1K	796K	5	28.0	40	48

Operating temperature : -40°C to $+125^{\circ}\text{C}$



DC CURRENT(mA)



FREQUENCY(MHz)