

**WCIV Series**  
 Wire Wound Inductor  
 Size 2520

Dimensions: [mm]

Electrical Properties:

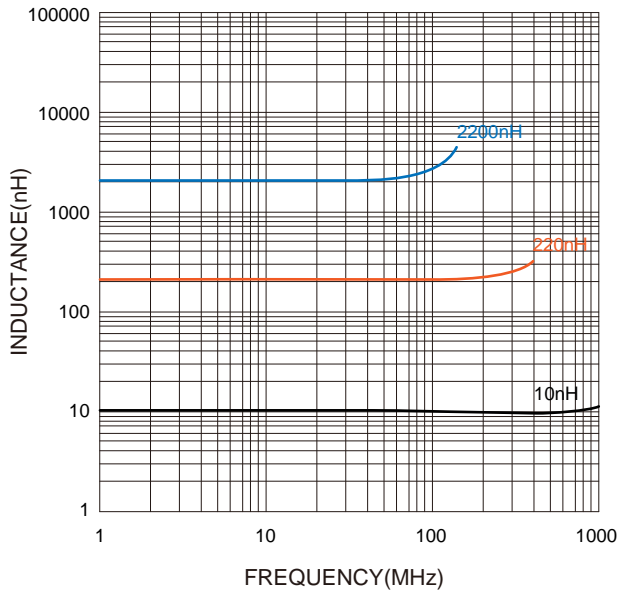
Tolerance	Q Min.	Test Freq. Q(MHz)	DC
G,J	50	500	0.08
G,J	50	500	0.09
G,J	50	500	0.18
G,J	50	350	0.11
G,J	55	350	0.12
G,J	55	350	0.13
G,J	60	350	0.14
G,J	60	350	0.15
G,J	65	350	0.16
G,J	65	350	0.18
G,J	65	350	0.20

Part No	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q Min.	Test Freq. Q(MHz)	Temperature Rise Current Max. (mA)	DC Resistance Max. ( $\Omega$ )	SRF Min. (MHz)
WCIV2520HF-82N□	82	G,J	0.1V/50M	60	350	1000	0.22	1000
WCIV2520HF-R10□	100	G,J	0.1V/25M	60	350	650	0.56	1000
WCIV2520HF-R12□	120	G,J	0.1V/25M	60	350	650	0.63	950
WCIV2520HF-R15□	150	G,J	0.1V/25M	45	100	580	0.70	850
WCIV2520HF-R18□	180	G,J	0.1V/25M	45	100	620	0.77	750
WCIV2520HF-R22□	220	G,J	0.1V/25M	45	100	500	0.84	700
WCIV2520HF-R27□	270	G,J	0.1V/25M	45	100	500	0.91	600
WCIV2520HF-R33□	330	G,J	0.1V/25M	45	100	450	1.05	570
WCIV2520HF-R39□	390	G,J	0.1V/25M	45	100	470	1.12	500
WCIV2520HF-R47□	470	G,J	0.1V/25M	45	100	470	1.19	450
WCIV2520HF-R56□	560	G,J	0.1V/25M	45	100	400	1.33	415
WCIV2520HF-R62□	620	G,J	0.1V/25M	45	100	300	1.40	375
WCIV2520HF-R68□	680	G,J	0.1V/25M	45	100	400	1.47	375
WCIV2520HF-R75□	750	G,J	0.1V/25M	45	100	360	1.54	360
WCIV2520HF-R82□	820	G,J	0.1V/25M	45	100	400	1.61	350
WCIV2520HF-R91□	910	G,J	0.1V/25M	35	50	380	1.68	320
WCIV2520HF-1R0□	1000	G,J	0.1V/25M	35	50	370	1.75	290
WCIV2520HF-1R2□	1200	G,J	0.1V/7.9M	35	50	310	2.00	250
WCIV2520HF-1R5□	1500	G,J	0.1V/7.9M	28	50	330	2.23	200
WCIV2520HF-1R8□	1800	G,J	0.1V/7.9M	28	50	300	2.60	160
WCIV2520HF-2R2□	2200	G,J	0.1V/7.9M	28	50	280	2.80	160
WCIV2520HF-2R7□	2700	G,J	0.1V/7.9M	22	25	290	3.20	140
WCIV2520HF-3R3□	3300	G,J	0.1V/7.9M	22	25	290	3.40	110
WCIV2520HF-3R9□	3900	G,J	0.1V/7.9M	20	25	260	3.60	100
WCIV2520HF-4R7□	4700	G,J	0.1V/7.9M	18	7.9	200	4.00	32
WCIV2520HF-5R6□	5600	G,J	0.1V/7.9M	18	7.9	200	4.00	25
WCIV2520HF-6R8□	6800	G,J	0.1V/7.9M	18	7.9	200	4.90	21
WCIV2520HF-8R2□	8200	G,J	0.1V/7.9M	16	7.9	170	6.00	16
WCIV2520HF-100□	10000	G,J	0.1V/2.52M	15	7.9	170	8.00	14

Inductance Tolerance: G=±2%, J=±5%

## Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Impedance VS. Frequency Characteristics:

