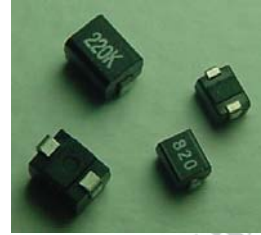


Wire Wound Inductors

Features

- High reliable wire wound structure in encapsulated case.
- Ideal for automatic surface mounting.
- High resistance to heat and humidity
- Resistance to mechanical shocks and pressure.
- Accurate dimension for automatically surface mount.



Applications

- Digital cameras, Computer peripherals, Video cameras, Mobile communication.

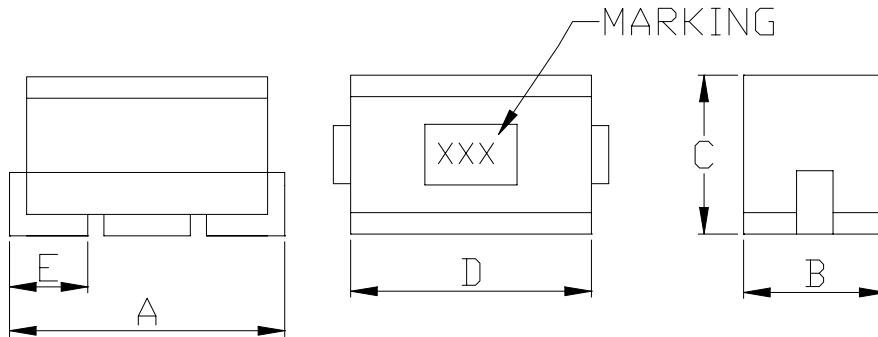
Part Number Systems

WI - 565050 - 1R0 - K - LF

(1) (2) (3) (4) (5)

(1)	Product series	(2)	Size
(3)	Inductance Value: 1R0 = 1.0uH	(4)	Inductance Tolerance: J = ± 5%, K = ± 10%, M = ± 20%
(5)	ROHs Compliant		

Shape And Dimensions



Unit: mm

Type	A	B	C	D	E Ref.
565050	5.6 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	5.3 ± 0.3	1.0

Wire Wound Inductors

WI-565050(2220)-Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max
WI-565050-1R0K-LF	1.00 @ 7.96 MHz	K	10 @ 7.96 MHz	95	0.03	1800
WI-565050-1R2K-LF	1.20 @ 7.96 MHz	K	10 @ 7.96 MHz	70	0.035	1700
WI-565050-1R5K-LF	1.50 @ 7.96 MHz	K	10 @ 7.96 MHz	55	0.04	1600
WI-565050-1R8K-LF	1.80 @ 7.96 MHz	K	10 @ 7.96 MHz	47	0.05	1400
WI-565050-2R2K-LF	2.20 @ 7.96 MHz	K	10 @ 7.96 MHz	42	0.06	1300
WI-565050-2R7K-LF	2.70 @ 7.96 MHz	K	10 @ 7.96 MHz	37	0.07	1200
WI-565050-3R3K-LF	3.30 @ 7.96 MHz	K	10 @ 7.96 MHz	34	0.08	1120
WI-565050-3R9K-LF	3.90 @ 7.96 MHz	K	10 @ 7.96 MHz	32	0.09	1050
WI-565050-4R7K-LF	4.70 @ 7.96 MHz	K	10 @ 7.96 MHz	29	0.11	950
WI-565050-5R6K-LF	5.60 @ 7.96 MHz	K	10 @ 7.96 MHz	26	0.13	880
WI-565050-6R8K-LF	6.80 @ 7.96 MHz	K	10 @ 7.96 MHz	24	0.15	810
WI-565050-8R2K-LF	8.20 @ 7.96 MHz	K	10 @ 7.96 MHz	22	0.18	750
WI-565050-100K-LF	10 @ 2.52 MHz	K	10 @ 2.52 MHz	19	0.21	690
WI-565050-120K-LF	12 @ 2.52 MHz	K	10 @ 2.52 MHz	17	0.25	630
WI-565050-150K-LF	15 @ 2.52 MHz	K	10 @ 2.52 MHz	16	0.30	580
WI-565050-180K-LF	18 @ 2.52 MHz	K	10 @ 2.52 MHz	14	0.36	530
WI-565050-220K-LF	22 @ 2.52 MHz	K	10 @ 2.52 MHz	13	0.43	480
WI-565050-270K-LF	27 @ 2.52 MHz	K	10 @ 2.52 MHz	11.5	0.52	440
WI-565050-330K-LF	33 @ 2.52 MHz	K	10 @ 2.52 MHz	10.5	0.62	400
WI-565050-390K-LF	39 @ 2.52 MHz	K	10 @ 2.52 MHz	9.5	0.72	370
WI-565050-470K-LF	47 @ 2.52 MHz	K	10 @ 2.52 MHz	8.5	0.85	340
WI-565050-560K-LF	56 @ 2.52 MHz	K	10 @ 2.52 MHz	7.8	1.00	310
WI-565050-680K-LF	68 @ 2.52 MHz	K	10 @ 2.52 MHz	7.0	1.20	290
WI-565050-820K-LF	82 @ 2.52 MHz	K	10 @ 2.52 MHz	6.4	1.40	270
WI-565050-101K-LF	100 @ 0.796 MHz	K	20 @ 0.796 MHz	6.0	1.6	250
WI-565050-121K-LF	120 @ 0.796 MHz	K	20 @ 0.796 MHz	5.4	1.9	230
WI-565050-151K-LF	150 @ 0.796 MHz	K	20 @ 0.796 MHz	4.8	2.2	210
WI-565050-181K-LF	180 @ 0.796 MHz	K	20 @ 0.796 MHz	4.4	2.8	190
WI-565050-221K-LF	220 @ 0.796 MHz	K	20 @ 0.796 MHz	3.9	3.4	170
WI-565050-271K-LF	270 @ 0.796 MHz	K	20 @ 0.796 MHz	3.6	4.2	155
WI-565050-331K-LF	330 @ 0.796 MHz	K	20 @ 0.796 MHz	3.2	4.9	140
WI-565050-391K-LF	390 @ 0.796 MHz	K	20 @ 0.796 MHz	2.9	5.8	130

* All specifications are subjected to change without prior notice.

Wire Wound Inductors

WI-565050-(2220)Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz)	Rdc (Ω)	Idc (mA)
				Min	Max	Max
WI-565050-471K-LF	470 @ 0.796 MHz	K	20 @ 0.796 MHz	2.6	7.0	120
WI-565050-561K-LF	560 @ 0.796 MHz	K	20 @ 0.796 MHz	2.4	8.5	110
WI-565050-681K-LF	680 @ 0.796 MHz	K	20 @ 0.796 MHz	2.2	10	100
WI-565050-821K-LF	820 @ 0.796 MHz	K	20 @ 0.796 MHz	2.0	13	90
WI-565050-102K-LF	1000 @ 0.252 MHz	K	20 @ 0.252 MHz	1.8	15	85
WI-565050-122J-LF	1200 @ 0.252 MHz	J	30 @ 0.252 MHz	1.5	17	75
WI-565050-152J-LF	1500 @ 0.252 MHz	J	30 @ 0.252 MHz	1.4	20	70
WI-565050-182J-LF	1800 @ 0.252 MHz	J	30 @ 0.252 MHz	1.3	30	60
WI-565050-222J-LF	2200 @ 0.252 MHz	J	30 @ 0.252 MHz	1.2	35	55
WI-565050-272J-LF	2700 @ 0.252 MHz	J	30 @ 0.252 MHz	1.1	55	45
WI-565050-332J-LF	3300 @ 0.252 MHz	J	30 @ 0.252 MHz	1.0	60	40
WI-565050-392J-LF	3900 @ 0.252 MHz	J	30 @ 0.252 MHz	1.0	70	38
WI-565050-472J-LF	4700 @ 0.252 MHz	J	30 @ 0.252 MHz	0.9	78	36
WI-565050-562J-LF	5600 @ 0.252 MHz	J	30 @ 0.252 MHz	0.8	85	33
WI-565050-682J-LF	6800 @ 0.252 MHz	J	30 @ 0.252 MHz	0.7	110	30
WI-565050-822J-LF	8200 @ 0.252 MHz	J	30 @ 0.252 MHz	0.6	125	28
WI-565050-103J-LF	10000 @ 0.0796 MHz	J	20 @ 0.0796 MHz	0.5	150	25

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