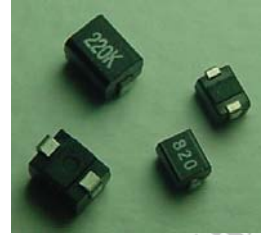


Wire Wound Inductors

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.

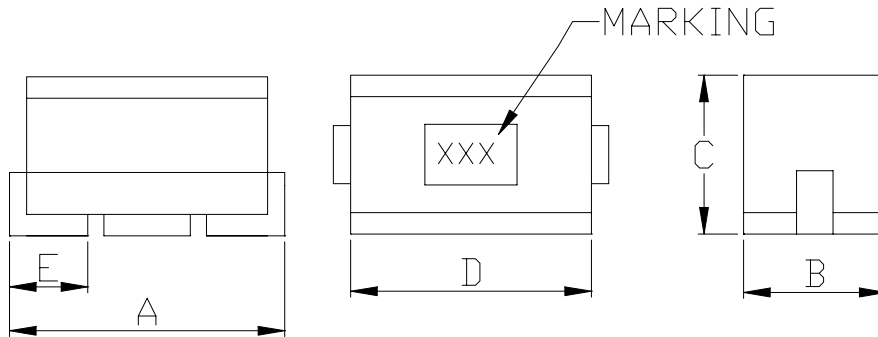
Part Number Systems

WI - 252018 - 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.
252018	2.5 ± 0.2	2.0 ± 0.2	1.8 ± 0.2	2.2 ± 0.2	0.4

Wire Wound Inductors

WI-252018(1008)-Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max
WI-252018-R22M-LF	0.22 @ 25.2 MHz	M	25 @ 25.2 MHz	230	0.50	430
WI-252018-R27M-LF	0.27 @ 25.2 MHz	M	25 @ 25.2 MHz	210	0.55	420
WI-252018-R33M-LF	0.33 @ 25.2 MHz	M	25 @ 25.2 MHz	190	0.60	400
WI-252018-R39M-LF	0.39 @ 25.2 MHz	M	25 @ 25.2 MHz	175	0.65	375
WI-252018-R47M-LF	0.47 @ 25.2 MHz	M	25 @ 25.2 MHz	160	0.68	350
WI-252018-R56M-LF	0.56 @ 25.2 MHz	M	25 @ 25.2 MHz	150	0.75	325
WI-252018-R68M-LF	0.68 @ 25.2 MHz	M	25 @ 25.2 MHz	135	0.85	300
WI-252018-R82M-LF	0.82 @ 25.2 MHz	M	25 @ 25.2 MHz	125	1.00	260
WI-252018-1R0K-LF	1.00 @ 7.96 MHz	K	30 @ 7.96 MHz	115	1.10	245
WI-252018-1R2K-LF	1.20 @ 7.96 MHz	K	30 @ 7.96 MHz	100	1.20	230
WI-252018-1R5K-LF	1.50 @ 7.96 MHz	K	30 @ 7.96 MHz	90	1.30	220
WI-252018-1R8K-LF	1.80 @ 7.96 MHz	K	30 @ 7.96 MHz	85	1.45	210
WI-252018-2R2K-LF	2.20 @ 7.96 MHz	K	30 @ 7.96 MHz	75	1.55	200
WI-252018-2R7K-LF	2.70 @ 7.96 MHz	K	30 @ 7.96 MHz	55	1.70	195
WI-252018-3R3K-LF	3.30 @ 7.96 MHz	K	30 @ 7.96 MHz	48	1.90	185
WI-252018-3R9K-LF	3.90 @ 7.96 MHz	K	30 @ 7.96 MHz	43	2.10	180
WI-252018-4R7K-LF	4.70 @ 7.96 MHz	K	30 @ 7.96 MHz	40	2.30	175
WI-252018-5R6K-LF	5.60 @ 7.96 MHz	K	25 @ 7.96 MHz	36	2.50	170
WI-252018-6R8K-LF	6.80 @ 7.96 MHz	K	25 @ 7.96 MHz	33	2.70	165
WI-252018-8R2K-LF	8.20 @ 7.96 MHz	K	25 @ 7.96 MHz	30	3.05	160
WI-252018-100K-LF	10 @ 2.52 MHz	K	25 @ 2.52 MHz	27	3.50	155
WI-252018-120K-LF	12 @ 2.52 MHz	K	25 @ 2.52 MHz	23	3.80	150
WI-252018-150K-LF	15 @ 2.52 MHz	K	25 @ 2.52 MHz	20	4.40	140
WI-252018-180K-LF	18 @ 2.52 MHz	K	25 @ 2.52 MHz	18	4.80	130
WI-252018-220K-LF	22 @ 2.52 MHz	K	25 @ 2.52 MHz	17	5.50	125
WI-252018-270K-LF	27 @ 2.52 MHz	K	25 @ 2.52 MHz	16	6.30	115
WI-252018-330K-LF	33 @ 2.52 MHz	K	25 @ 2.52 MHz	15	7.10	110

* All specifications are subjected to change without prior notice.

Wire Wound Inductors

WI-252018(1008)-Series			ELECTRICAL CHARACTERISTICS			
Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max
WI-252018-390K-LF	39 @ 2.52 MHz	K	20 @ 2.52 MHz	14	9.50	90
WI-252018-470K-LF	47 @ 2.52 MHz	K	20 @ 2.52 MHz	13	11.1	80
WI-252018-560K-LF	56 @ 2.52 MHz	K	20 @ 2.52 MHz	12	12.1	75
WI-252018-680K-LF	68 @ 2.52 MHz	K	20 @ 2.52 MHz	11	16.6	70
WI-252018-820K-LF	82 @ 2.52 MHz	K	20 @ 2.52 MHz	10	19.0	65
WI-252018-101K-LF	100 @ 0.796 MHz	K	15 @ 0.796 MHz	9	21.0	60

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