

# 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.

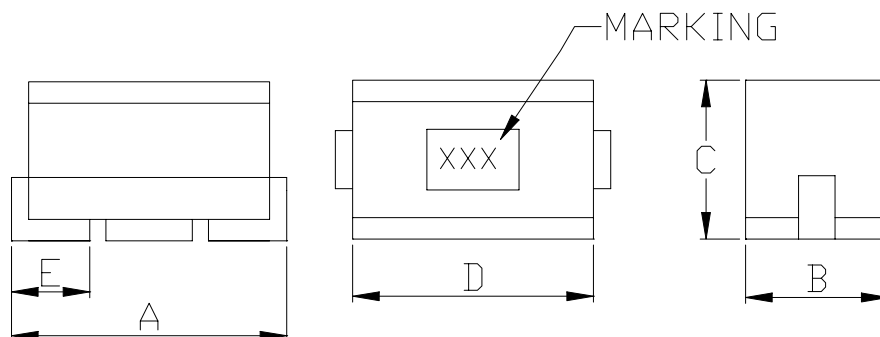
## Part Number Systems

**WI - 633232 - 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.
633232	6.3 ± 0.3	3.2 ± 0.3	3.2 ± 0.3	6.0 ± 0.4	1.2

## Wire Wound Inductors

WI-633232(2512)-Series				ELECTRICAL CHARACTERISTICS		
Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz)	Rdc (Ω)	Idc (mA)
				Min	Max	Max
WI-633232-R22M-LF	0.22 @ 25.2 MHz	M	40 @ 25.2 MHz	380	0.08	1150
WI-633232-R27M-LF	0.27 @ 25.2 MHz	M	40 @ 25.2 MHz	360	0.08	1110
WI-633232-R33M-LF	0.33 @ 25.2 MHz	M	40 @ 25.2 MHz	350	0.08	1110
WI-633232-R39M-LF	0.39 @ 25.2 MHz	M	40 @ 25.2 MHz	320	0.09	1000
WI-633232-R47M-LF	0.47 @ 25.2 MHz	M	40 @ 25.2 MHz	300	0.10	1000
WI-633232-R56M-LF	0.56 @ 25.2 MHz	M	40 @ 25.2 MHz	280	0.11	950
WI-633232-R68M-LF	0.68 @ 25.2 MHz	M	40 @ 25.2 MHz	250	0.12	900
WI-633232-R82M-LF	0.82 @ 25.2 MHz	M	40 @ 25.2 MHz	200	0.13	875
WI-633232-1R0K-LF	1.00 @ 25.2 MHz	K	40 @ 25.2 MHz	180	0.15	815
WI-633232-1R2K-LF	1.20 @ 7.96 MHz	K	40 @ 7.96 MHz	165	0.18	740
WI-633232-1R5K-LF	1.50 @ 7.96 MHz	K	45 @ 7.96 MHz	150	0.20	700
WI-633232-1R8K-LF	1.80 @ 7.96 MHz	K	50 @ 7.96 MHz	125	0.23	655
WI-633232-2R2K-LF	2.20 @ 7.96 MHz	K	50 @ 7.96 MHz	110	0.25	630
WI-633232-2R7K-LF	2.70 @ 7.96 MHz	K	50 @ 7.96 MHz	95	0.28	595
WI-633232-3R3K-LF	3.30 @ 7.96 MHz	K	50 @ 7.96 MHz	70	0.30	575
WI-633232-3R9K-LF	3.90 @ 7.96 MHz	K	45 @ 7.96 MHz	65	0.32	555
WI-633232-4R7K-LF	4.70 @ 7.96 MHz	K	45 @ 7.96 MHz	50	0.35	530
WI-633232-5R6K-LF	5.60 @ 7.96 MHz	K	45 @ 7.96 MHz	40	0.40	500
WI-633232-6R8K-LF	6.80 @ 7.96 MHz	K	40 @ 7.96 MHz	30	0.45	470
WI-633232-8R2K-LF	8.20 @ 7.96 MHz	K	40 @ 7.96 MHz	28	0.55	425
WI-633232-100K-LF	10 @ 7.96 MHz	K	40 @ 7.96 MHz	22	0.72	370
WI-633232-120K-LF	12 @ 2.52 MHz	K	45 @ 2.52 MHz	20	0.80	350
WI-633232-150K-LF	15 @ 2.52 MHz	K	50 @ 2.52 MHz	16	0.88	335
WI-633232-180K-LF	18 @ 2.52 MHz	K	50 @ 2.52 MHz	15	1.00	315
WI-633232-220K-LF	22 @ 2.52 MHz	K	50 @ 2.52 MHz	13	1.20	285
WI-633232-270K-LF	27 @ 2.52 MHz	K	50 @ 2.52 MHz	11	1.35	270
WI-633232-330K-LF	33 @ 2.52 MHz	K	50 @ 2.52 MHz	10	1.5	255
WI-633232-390K-LF	39 @ 2.52 MHz	K	50 @ 2.52 MHz	9.5	1.7	240
WI-633232-470K-LF	47 @ 2.52 MHz	K	50 @ 2.52 MHz	8.5	2.3	205
WI-633232-560K-LF	56 @ 2.52 MHz	K	50 @ 2.52 MHz	7.5	2.6	195
WI-633232-680K-LF	68 @ 2.52 MHz	K	50 @ 2.52 MHz	6.5	2.9	185
WI-633232-820K-LF	82 @ 2.52 MHz	K	50 @ 2.52 MHz	6.0	3.2	175

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Part Number	Inductance (uH)	Tolerance	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max
WI-633232-101K-LF	100 @ 0.796 MHz	K	50 @ 0.796 MHz	5.5	3.5	165
WI-633232-121K-LF	120 @ 0.796 MHz	K	50 @ 0.796 MHz	5.4	3.8	160
WI-633232-151K-LF	150 @ 0.796 MHz	K	50 @ 0.796 MHz	4.75	4.4	150
WI-633232-181K-LF	180 @ 0.796 MHz	K	50 @ 0.796 MHz	4.35	5.0	140
WI-633232-221K-LF	220 @ 0.796 MHz	K	50 @ 0.796 MHz	4.0	5.7	130
WI-633232-271K-LF	270 @ 0.796 MHz	K	50 @ 0.796 MHz	3.7	6.5	120
WI-633232-331K-LF	330 @ 0.796 MHz	K	50 @ 0.796 MHz	3.4	9.5	100
WI-633232-391K-LF	390 @ 0.796 MHz	K	50 @ 0.796 MHz	2.8	10.5	95
WI-633232-471K-LF	470 @ 0.796 MHz	K	50 @ 0.796 MHz	2.55	11.6	90
WI-633232-561K-LF	560 @ 0.796 MHz	K	50 @ 0.796 MHz	2.35	13	85
WI-633232-681K-LF	680 @ 0.796 MHz	K	50 @ 0.796 MHz	2.0	18	75
WI-633232-821K-LF	820 @ 0.796 MHz	K	50 @ 0.796 MHz	1.5	23	65
WI-633232-102K-LF	1000 @ 0.796 MHz	K	50 @ 0.796 MHz	1.2	26	60

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