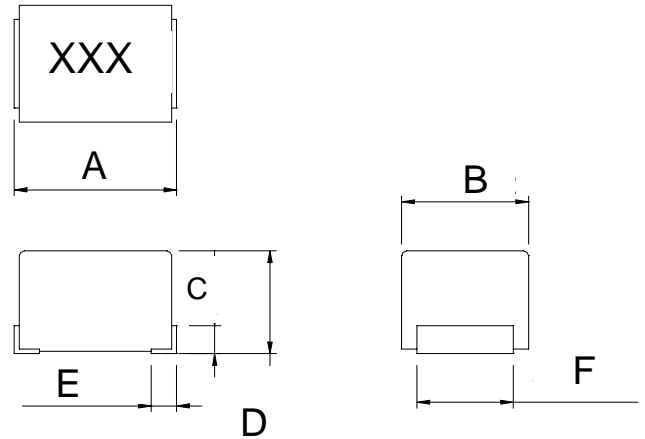


MEC

MINGSTAR ELECTRONIC CORP.

Wound Chip Inductor



Dimensions:mm

A: 2.5 ± 0.3

B: 2.0 ± 0.2

C:0.4

D: 1.8 ± 0.2

E: 0.4 ± 0.1

F: 1.4 ± 0.1

■ Features

- Made of fine five ferrite materials and covers wide range of inductance.
- High Q value achieved by wire wound structure.
- Excellent heat resistance and mechanical strength due to the molding structure.
- Suitable for reflow, flow and iron soldering.

■ Applications

- Video cameras, Digital still cameras, Family TV game meachines, Car navigation systems, Computer peripherals, Mobile communications, Car electronics.

Part No.	Inductance	Q	TESTING	S.R.F.	DC	RATED DC
	(uH)	(Min)	FREQ	(MHZ)	RESISTANCE	CURRENT
			(MHZ)	MIN	(OHM)Max	(MA)Max
WI252018N-010□	0.010	15	100	2150	0.26	530
WI252018N-012□	0.012	15	100	2050	0.27	500
WI252018N-015□	0.015	15	100	2000	0.29	480
WI252018N-018□	0.018	15	100	1850	0.31	450
WI252018N-022□	0.022	15	100	1650	0.37	420
WI252018N-027□	0.027	15	100	1550	0.4	410
WI252018N-033□	0.033	20	100	1450	0.42	400
WI252018N-039□	0.039	20	100	1350	0.45	380
WI252018N-047□	0.047	20	100	1200	0.5	360
WI252018N-056□	0.056	20	100	1100	0.6	340
WI252018N-068□	0.068	20	100	1050	0.65	320
WI252018N-082□	0.082	20	100	900	0.75	300
WI252018N-R10□	0.10	20	100	800	0.8	280
WI252018N-R12□	0.12	30	25.2	700	0.3	550
WI252018N-R15□	0.15	30	25.2	550	0.35	500
WI252018N-R18□	0.18	30	25.2	500	0.4	460
WI252018N-R22□	0.22	30	25.2	450	0.5	430
WI252018N-R27□	0.27	30	25.2	425	0.55	420
WI252018N-R33□	0.33	30	25.2	400	0.6	400
WI252018N-R39□	0.39	30	25.2	375	0.65	375
WI252018N-R47□	0.47	30	25.2	350	0.68	350
WI252018N-R56□	0.56	30	25.2	325	0.75	325
WI252018N-R68□	0.68	30	25.2	300	0.85	300
WI252018N-R82□	0.82	30	25.2	260	1	260
WI252018N-1R0□	1.0	30	7.96	245	1.1	245
WI252018N-1R2□	1.2	30	7.96	230	1.2	230
WI252018N-1R5□	1.5	30	7.96	182	1.3	220

WI252018N-1R8	1.8	30	7.96	135	1.45	210
WI252018N-2R2	2.2	30	7.96	105	1.55	200
WI252018N-2R7	2.7	30	7.96	70	1.7	195
WI252018N-3R3	3.3	30	7.96	55	1.9	185
WI252018N-3R9	3.9	30	7.96	48	2.1	180
WI252018N-4R7	4.7	30	7.96	43	2.3	175
WI252018N-5R6	5.6	25	7.96	42	2.5	170
WI252018N-6R8	6.8	25	7.96	39	2.7	165
WI252018N-8R2	8.2	25	7.96	36	3.05	160
WI252018N-100	10	25	2.52	27	3.5	155
WI252018N-120	12	25	2.52	23	3.8	150
WI252018N-150	15	25	2.52	20	4.4	140
WI252018N-180	18	25	2.52	18	4.8	130
WI252018N-220	22	25	2.52	17	5.5	125
WI252018N-270	27	25	2.52	16	6.3	115
WI252018N-330	33	25	2.52	15	7.1	110
WI252018N-390	39	20	2.52	14	9.5	90
WI252018N-470	47	20	2.52	13	11.1	80
WI252018N-560	56	20	2.52	12	12.1	75
WI252018N-680	68	20	2.52	11	16.6	70
WI252018N-820	82	20	2.52	10	19	66
WI252018N-101	100	15	0.796	9	21	60

□ J=±5% K=±10% M=±20%