

WI-453232-1 (1812) Series

Electrical characteristics

Part Number	Inductance	Tolerance	Q	L/Q Test Freq	SRF	Rdc	Idc
	(uH)		Min	(MHz)	(MHz)Min	(Ω)Max	(mA)Max
WI-453232-R10	0.10	J.K.M	35	25.2	300	0.18	800
WI-453232-R12	0.12	J.K.M	35	25.2	280	0.20	770
WI-453232-R15	0.15	J.K.M	35	25.2	250	0.22	730
WI-453232-R18	0.18	J.K.M	35	25.2	220	0.24	700
WI-453232-R22	0.22	J.K.M	40	25.2	200	0.25	665
WI-453232-R27	0.27	J.K.M	40	25.2	180	0.26	635
WI-453232-R33	0.33	J.K.M	40	25.2	165	0.28	605
WI-453232-R39	0.39	J.K.M	40	25.2	150	0.30	575
WI-453232-R47	0.47	J.K.M	40	25.2	145	0.32	545
WI-453232-R56	0.56	J.K.M	40	25.2	140	0.36	520
WI-453232-R68	0.68	J.K.M	40	25.2	135	0.40	500
WI-453232-R82	0.82	J.K.M	40	25.2	130	0.45	475
WI-453232-1R0	1.0	J.K.M	50	7.96	100	0.50	450
WI-453232-1R2	1.2	J.K.M	50	7.96	80	0.55	430
WI-453232-1R5	1.5	J.K.M	50	7.96	70	0.60	410
WI-453232-1R8	1.8	J.K.M	50	7.96	60	0.65	390
WI-453232-2R2	2.2	J.K.M	50	7.96	55	0.70	380
WI-453232-2R7	2.7	J.K.M	50	7.96	50	0.75	370
WI-453232-3R3	3.3	J.K.M	50	7.96	45	0.80	355
WI-453232-3R9	3.9	J.K.M	50	7.96	40	0.90	330
WI-453232-4R7	4.7	J.K.M	50	7.96	35	1.00	315
WI-453232-5R6	5.6	J.K.M	50	7.96	33	1.10	300
WI-453232-6R8	6.8	J.K.M	50	7.96	27	1.20	285
WI-453232-8R2	8.2	J.K.M	50	7.96	25	1.40	270
WI-453232-100	10	J.K.M	50	2.52	20	1.60	250
WI-453232-120	12	J.K.M	50	2.52	18	2.00	225
WI-453232-150	15	J.K.M	50	2.52	17	2.50	200
WI-453232-180	18	J.K.M	50	2.52	15	2.80	190
WI-453232-220	22	J.K.M	50	2.52	13	3.20	180
WI-453232-270	27	J.K.M	50	2.52	12	3.60	170
WI-453232-330	33	J.K.M	50	2.52	11	4.00	160
WI-453232-390	39	J.K.M	50	2.52	10	4.50	150

1. Inductance is measured in HP-E4991A impedance analyzer with HP-16197A fixture.

2. Tolerance : J±5% K±10% M±20%

3. Q measured used HP-E4991A impedance analyzer with HP-16197A fixture .

4. SRF is measured in HP ENA-E5071B network analyzer.

5. RDC is measured in Chroma 16502 mill ohm meter.(or equivalent)

6. Irms For 15°C rise form 25°C ambient.



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WI-453232-2(1812)-Series

Electrical characteristics

Part Number	Inductance	Tolerance	Q	L/Q Test Freq	SRF	Rdc	Idc
	(uH)		Min	(MHz)	(MHz)Min	(Ω)Max	(mA)Max
WI-453232-470	47	J.K.M	50	2.52	10	5	140
WI-453232-560	56	J.K.M	50	2.52	9	5.5	135
WI-453232-680	68	J.K.M	50	2.52	9	6	130
WI-453232-820	82	J.K.M	50	2.52	8	7	120
WI-453232-101	100	J.K.M	40	0.796	8	8	110
WI-453232-121	120	J.K.M	40	0.796	6	8	110
WI-453232-151	150	J.K.M	40	0.796	5	9	105
WI-453232-181	180	J.K.M	40	0.796	5	9.5	102
WI-453232-221	220	J.K.M	40	0.796	4	10	100
WI-453232-271	270	J.K.M	40	0.796	4	12	92
WI-453232-331	330	J.K.M	40	0.796	3.5	14	85
WI-453232-391	390	J.K.M	40	0.796	3	18	80
WI-453232-471	470	J.K.M	40	0.796	3	26	62
WI-453232-561	560	J.K.M	40	0.796	3	30	50
WI-453232-681	680	J.K.M	40	0.796	3	30	50
WI-453232-821	820	J.K.M	40	0.796	2.5	35	30
WI-453232-102	1000	J.K.M	40	0.252	2.5	40	30

1. Inductance is measured in HP-E4991A impedance analyzer with HP-16197A fixture.

2. Tolerance : J±5% K±10% M±20%

3. Q measured used HP-E4991A impedance analyzer with HP-16197A fixture .

4. SRF is measured in HP ENA-E5071B network analyzer.

5. RDC is measured in Chroma 16502 mill ohm meter.(or equivalent)

6. Irms For 15°C rise form 25°C ambient.

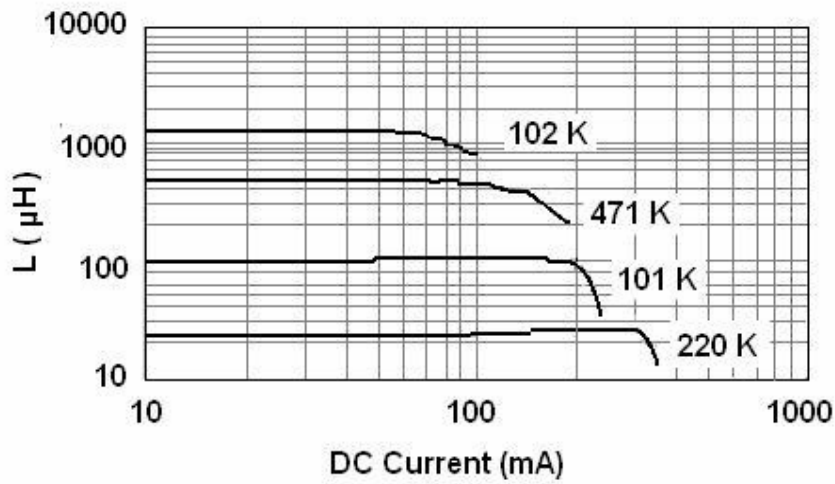


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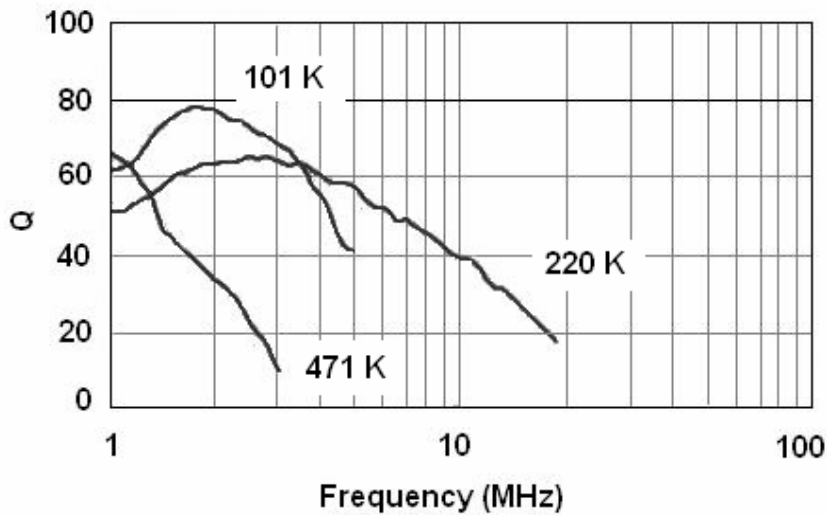
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Typical Electrical characteristics

Inductance VS. DC Superposition Characteristics

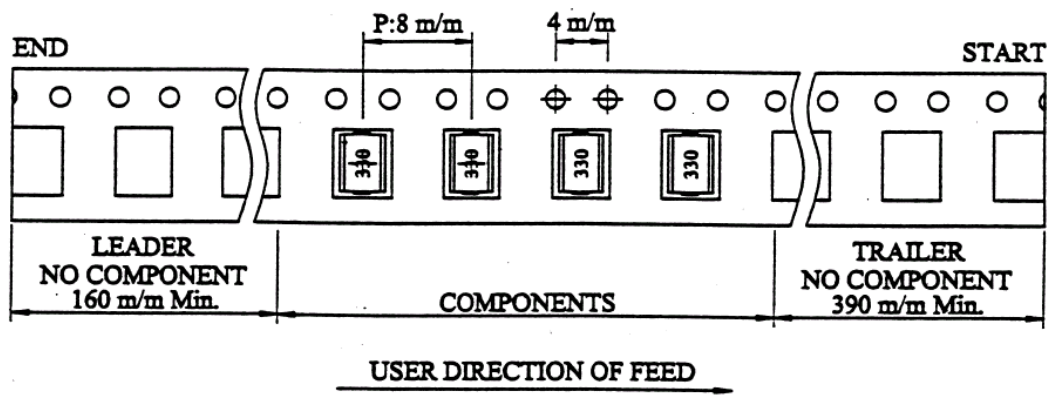
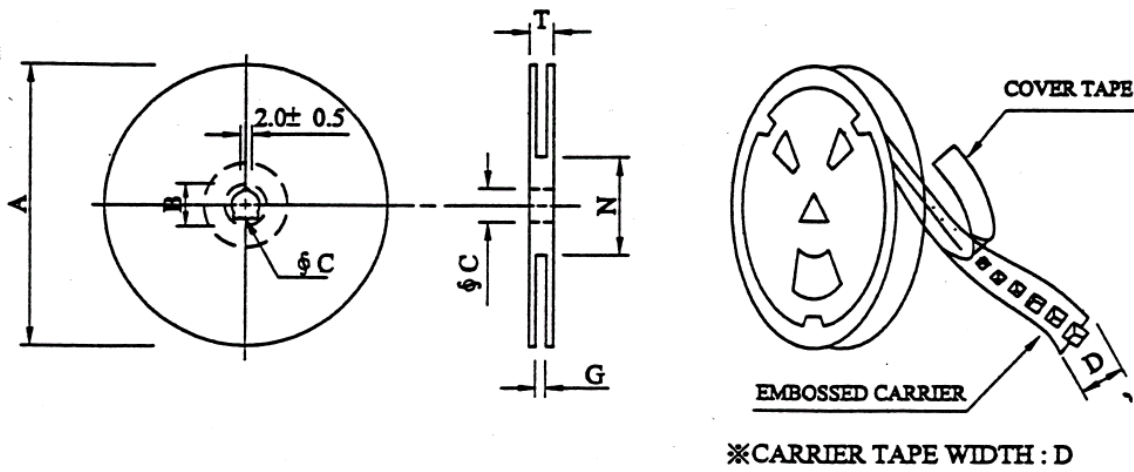


Q VS Frequency



PACKAGING INFORMATION : WI-453232-xxx

CONFIGURATION



DIMENSIONS				Unit : m/m			
A	B	C	D	G	N	T	PACKING
178	21±0.8	13	12	14	50	16.5	500PCS/RL

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