

SMD Wire Wound Ceramic Chip Inductors

Electrical Characteristics

Part Number	Inductance (nH)	Test Frequency (MHz)	Tolerance (±%)	Q Min	Test Frequency (MHz)	SRF Min (MHz)	Rdc Max ()	Irms Max (mA)	Color Coding		
									1 ST	2 ND	3 RD
JWC1008T-10N□	10	50	10 / 5 / 2	50	500	4100	0.08	1000	Brown	Black	Black
JWC1008T-12N□	12	50	10 / 5 / 2	50	500	3300	0.09	1000	Brown	Red	Black
JWC1008T-15N□	15	50	10 / 5 / 2	50	500	2500	0.10	1000	Brown	Green	Black
JWC1008T-18N□	18	50	10 / 5 / 2	50	350	2500	0.11	1000	Brown	Gray	Black
JWC1008T-22N□	22	50	10 / 5 / 2	55	350	2400	0.12	1000	Red	Red	Black
JWC1008T-27N□	27	50	10 / 5 / 2	55	350	1600	0.13	1000	Red	Violet	Black
JWC1008T-33N□	33	50	10 / 5 / 2	60	350	1600	0.14	1000	Orange	Orange	Black
JWC1008T-39N□	39	50	10 / 5 / 2	60	350	1500	0.15	1000	Orange	White	Black
JWC1008T-47N□	47	50	10 / 5 / 2	65	350	1500	0.16	1000	Yellow	Violet	Black
JWC1008T-56N□	56	50	10 / 5 / 2	65	350	1300	0.18	1000	Green	Blue	Black
JWC1008T-68N□	68	50	10 / 5 / 2	65	350	1300	0.20	1000	Blue	Gray	Black
JWC1008T-82N□	82	50	10 / 5 / 2	60	350	1000	0.22	1000	Gray	Red	Black
JWC1008T-R10□	100	25	10 / 5 / 2	60	350	1000	0.56	650	Brown	Black	Brown
JWC1008T-R12□	120	25	10 / 5 / 2	60	350	950	0.63	650	Brown	Red	Brown
JWC1008T-R15□	150	25	10 / 5 / 2	45	100	850	0.70	580	Brown	Green	Brown
JWC1008T-R18□	180	25	10 / 5 / 2	45	100	750	0.77	620	Brown	Gray	Brown
JWC1008T-R22□	220	25	10 / 5 / 2	45	100	700	0.84	500	Red	Red	Brown
JWC1008T-R27□	270	25	10 / 5 / 2	45	100	600	0.91	500	Red	Violet	Brown
JWC1008T-R33□	330	25	10 / 5 / 2	45	100	570	1.05	450	Orange	Orange	Brown
JWC1008T-R39□	390	25	10 / 5 / 2	45	100	500	1.12	470	Orange	White	Brown
JWC1008T-R47□	470	25	10 / 5 / 2	45	100	450	1.19	470	Yellow	Violet	Brown
JWC1008T-R56□	560	25	10 / 5 / 2	45	100	415	1.33	400	Green	Blue	Brown
JWC1008T-R62□	620	25	10 / 5 / 2	45	100	375	1.40	300	Blue	Red	Brown
JWC1008T-R68□	680	25	10 / 5 / 2	45	100	375	1.47	400	Blue	Gray	Brown
JWC1008T-R75□	750	25	10 / 5 / 2	45	100	360	1.54	360	Violet	Green	Brown
JWC1008T-R82□	820	25	10 / 5 / 2	45	100	350	1.61	400	Gray	Red	Brown
JWC1008T-R91□	910	25	10 / 5 / 2	35	50	320	1.68	380	White	Brown	Brown
JWC1008T-1R0□	1000	25	10 / 5 / 2	35	50	220	1.75	370	Brown	Black	Red
JWC1008T-1R2□	1200	7.9	10 / 5 / 2	35	50	186	2.0	310	Brown	Red	Red
JWC1008T-1R5□	1500	7.9	10 / 5 / 2	28	50	200	2.3	330	Brown	Green	Red
JWC1008T-1R8□	1800	7.9	10 / 5 / 2	25	50	170	2.6	300	Brown	Gray	Red
JWC1008T-2R2□	2200	7.9	10 / 5 / 2	20	50	110	2.8	280	Red	Red	Red
JWC1008T-2R7□	2700	7.9	10 / 5 / 2	15	25	140	3.2	290	Red	Violet	Red
JWC1008T-3R3□	3300	7.9	10 / 5 / 2	15	25	100	3.4	290	Orange	Orange	Red
JWC1008T-3R9□	3900	7.9	10 / 5 / 2	15	25	100	3.6	260	Orange	White	Red
JWC1008T-4R7□	4700	7.9	10 / 5 / 2	13	25	90	4.0	260	Yellow	Violet	Red
JWC1008T-5R6□	5600	7.9	10 / 5 / 2	16	7.9	20	4.0	240	Green	Yellow	Red
JWC1008T-6R8□	6800	7.9	10 / 5 / 2	18	7.9	40	4.9	200	Yellow	Gray	Red
JWC1008T-8R2□	8200	7.9	10 / 5 / 2	18	7.9	25	6.0	170	Gray	Red	Red

When ordering, please specify tolerance and packaging codes. Ex: JWC1008T-R12J

Tolerance: G = ±2% , J = ±5% , K = ±10%

Packaging: Clear tape and reel {standard}.

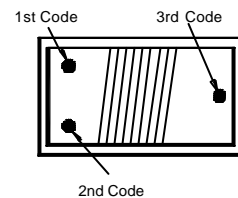
L / Q Agilent/HP4291A+ Agilent/HP16193A

SRF: Agilent/HP8753D / Agilent/HP4291A

RDC: CH502BC, HP4338B

Irms for a 15 rise above 25 ambient.

Operating temperature range from -40 to 125



COLOR CODING