

# 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
JWC0805T-2N8□	2.8	250	10 / 5	70	1500	7900	0.06	800	Gray
JWC0805T-3N0□	3.0	250	10 / 5	65	1500	7900	0.06	800	White
JWC0805T-3N3□	3.3	250	10 / 5	50	1500	7900	0.08	600	Black
JWC0805T-5N6□	5.6	250	10 / 5	65	1000	5500	0.08	600	Orange
JWC0805T-6N8□	6.8	250	10 / 5	50	1000	5500	0.11	600	Brown
JWC0805T-7N5□	7.5	250	10 / 5	50	1000	4500	0.14	600	Green
JWC0805T-8N2□	8.2	250	10 / 5	50	1000	4700	0.12	600	Red
JWC0805T-10N□	10	250	10 / 5 / 2	60	500	4200	0.10	600	Blue
JWC0805T-12N□	12	250	10 / 5 / 2	50	500	4000	0.15	600	Orange
JWC0805T-15N□	15	250	10 / 5 / 2	50	500	3400	0.17	600	Yellow
JWC0805T-18N□	18	250	10 / 5 / 2	50	500	3300	0.20	600	Green
JWC0805T-22N□	22	250	10 / 5 / 2	55	500	2600	0.22	500	Blue
JWC0805T-24N□	24	250	10 / 5 / 2	50	500	2000	0.22	500	Gray
JWC0805T-27N□	27	250	10 / 5 / 2	55	500	2500	0.25	500	Violet
JWC0805T-33N□	33	250	10 / 5 / 2	60	500	2050	0.27	500	Gray
JWC0805T-36N□	36	250	10 / 5 / 2	55	500	1700	0.27	500	Orange
JWC0805T-39N□	39	250	10 / 5 / 2	60	500	2000	0.29	500	White
JWC0805T-43N□	43	200	10 / 5 / 2	60	500	1650	0.34	500	Yellow
JWC0805T-47N□	47	200	10 / 5 / 2	60	500	1650	0.31	500	Black
JWC0805T-56N□	56	200	10 / 5 / 2	60	500	1550	0.34	500	Brown
JWC0805T-68N□	68	200	10 / 5 / 2	60	500	1450	0.38	500	Red
JWC0805T-82N□	82	150	10 / 5 / 2	65	500	1300	0.42	400	Orange
JWC0805T-91N□	91	150	10 / 5 / 2	65	500	1200	0.48	400	Black
JWC0805T-R10□	100	150	10 / 5 / 2	65	500	1200	0.46	400	Yellow
JWC0805T-R11□	110	150	10 / 5 / 2	50	250	1000	0.48	400	Brown
JWC0805T-R12□	120	150	10 / 5 / 2	50	250	1100	0.51	400	Green
JWC0805T-R15□	150	100	10 / 5 / 2	50	250	920	0.56	400	Blue
JWC0805T-R18□	180	100	10 / 5 / 2	50	250	870	0.64	400	Violet
JWC0805T-R20□	200	100	10 / 5 / 2	50	250	860	0.68	400	Red
JWC0805T-R22□	220	100	10 / 5 / 2	50	250	850	0.70	400	Gray
JWC0805T-R24□	240	100	10 / 5 / 2	44	250	690	1.00	350	Red
JWC0805T-R25□	250	100	10 / 5 / 2	45	250	660	1.20	350	Yellow
JWC0805T-R27□	270	100	10 / 5 / 2	48	250	650	1.30	350	White
JWC0805T-R33□	330	100	10 / 5 / 2	48	250	600	1.65	310	Black
JWC0805T-R39□	390	100	10 / 5 / 2	25	250	400	1.80	290	Brown
JWC0805T-R47□	470	50	10 / 5 / 2	33	100	400	2.0	250	Violet
JWC0805T-R56□	560	25	10 / 5 / 2	20	50	200	2.1	230	Orange
JWC0805T-R68□	680	25	10 / 5 / 2	18	50	130	2.3	190	Green
JWC0805T-R82□	820	25	10 / 5 / 2	15	50	100	2.5	180	Blue

- 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 .