

SMD Multilayer Ceramic Chip Inductors

Part Number	Inductance (nH) 100MHz	Q MIN. 100MHz	Q Typical 100 MHz	Q Typical 800 MHz	SRF (MHZ) MIN.	DC Resistance (Ω) MAX	Rated Current (mA) MAX
TF201209-1N5S	1.5	8	13	40	>6000	0.10	300
TF201209-1N8S	1.8	8	13	45	>6000	0.10	300
TF201209-2N2S	2.2	8	13	48	>6000	0.10	300
TF201209-2N7S	2.7	8	12	36	>6000	0.10	300
TF201209-3N3 ■	3.3	8	13	56	>6000	0.13	300
TF201209-3N9 ■	3.9	8	15	54	5400	0.15	300
TF201209-4N7 ■	4.7	8	15	50	4500	0.20	300
TF201209-5N6 ■	5.6	8	15	53	4000	0.23	300
TF201209-6N8 ■	6.8	8	15	51	3650	0.25	300
TF201209-8N2 ■	8.2	8	15	53	3000	0.28	300
TF201209-10N ■	10.0	8	16	45	2500	0.30	300
TF201209-12N ■	12.0	8	16	48	2450	0.35	300
TF201209-15N ■	15.0	8	17	48	2000	0.40	300
TF201209-18N ■	18.0	8	17	43	1750	0.45	300
TF201209-22N ■	22.0	8	17	47	1700	0.50	300
TF201209-27N ■	27.0	8	18	38	1550	0.55	300
TF201209-33N ■	33.0	8	18	35	1350	0.60	300
TF201209-39N ■	39.0	8	18	40	1300	0.65	300
TF201209-47N ■	47.0	8	18	33	1200	0.70	300
TF201209-56N ■	56.0	8	19	31	1150	0.75	300
TF201209-68N ■	68.0	8	19	28	1000	0.85	300
TF201209-82N ■	82.0	8	20	9	850	0.90	300
TF201209-R10 ■	100.0	8	18	-	730	1.00	300
TF201212-R12 ■*	120.0	8	19	-	650	1.30	250
TF201212-R15 ■*	150.0	8	20	-	550	1.50	250
TF201212-R18 ■*	180.0	8	20	-	500	1.80	250
TF201212-R22 ■*	220.0	8	20	-	450	2.00	200
TF201212-R27 ■*	270.0	8	20	-	400	2.50	200
TF201212-R33 ■*	330.0	8	20	-	380	3.00	150
TF201212-R39 ■*	390.0	8	20	-	330	3.50	150
TF201212-R47 ■*	470.0	8	19	-	300	4.00	100

* Production Start Date: 1st January 1999

■ Inductance tolerance :

S = $\pm 0.3\text{nH}$

D = $\pm 0.5\text{nH}$

J = $\pm 5\%$

K = $\pm 10\%$

M = $\pm 20\%$