

SMD Multilayer Ceramic Chip Inductors

High Frequency TF Series (1608 Package)

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
TF160808-1N2S	1.2	8	10	40	>6000	0.10	300
TF160808-1N5S	1.5	8	10	38	>6000	0.10	300
TF160808-1N8S	1.8	8	10	36	>6000	0.12	300
TF160808-2N2S	2.2	8	10	34	>6000	0.16	300
TF160808-2N7S	2.7	8	10	32	>6000	0.20	300
TF160808-3N3 ■	3.3	8	10	30	5700	0.22	300
TF160808-3N9 ■	3.9	8	10	32	5600	0.25	300
TF160808-4N7 ■	4.7	8	10	32	4800	0.28	300
TF160808-5N6 ■	5.6	8	10	32	4350	0.29	300
TF160808-6N8 ■	6.8	8	11	32	3750	0.30	300
TF160808-8N2 ■	8.2	8	11	28	3300	0.33	300
TF160808-10N ■	10.0	8	11	31	2850	0.35	300
TF160808-12N ■	12.0	8	11	30	2700	0.40	300
TF160808-15N ■	15.0	8	11	26	2400	0.45	300
TF160808-18N ■	18.0	8	11	25	2050	0.50	300
TF160808-22N ■	22.0	8	14	30	1850	0.55	300
TF160808-27N ■	27.0	8	14	26	1750	0.60	300
TF160808-33N ■	33.0	8	14	24	1500	0.65	300
TF160808-39N ■	39.0	8	14	20	1350	0.70	300
TF160808-47N ■	47.0	8	14	18	1200	0.90	300
TF160808-56N ■	56.0	8	15	14	1100	1.00	300
TF160808-68N ■	68.0	8	16	18	1000	1.50	300
TF160808-82N ■	82.0	8	15	18	900	2.00	300
TF160808-R10 ■	100.0	8	15	3	830	2.50	300

■ Inductance tolerance :

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

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

J = $\pm 5\%$

K = $\pm 10\%$

M = $\pm 20\%$