



**TF160808 (0603) Series**  
**SMD MULTILAYER CERAMIC CHIP INDUCTORS**  
 Rev. A

**A. Electrical Specifications:**

P/N	L(mH)	Tol.	Test Freq. (MHz)	Q Min.	SRF Min. (MHz)	DCR Max. (Ω)	I rms. Max. (mA)
TF160808-1N0_	1.0	S, C, D	100	8	10000	0.05	1000
TF160808-1N2_	1.2	S, C, D	100	8	10000	0.05	1000
TF160808-1N5_	1.5	S, C, D	100	8	10000	0.10	1000
TF160808-1N8_	1.8	S, C, D	100	8	10000	0.10	1000
TF160808-2N2_	2.2	S, C, D	100	8	6000	0.10	1000
TF160808-2N7_	2.7	S, C, D	100	10	6000	0.13	1000
TF160808-3N3_	3.3	S, C, D	100	10	6000	0.13	1000
TF160808-3N9_	3.9	S, C, D	100	10	6000	0.15	1000
TF160808-4N7_	4.7	S, C, D	100	10	4000	0.20	1000
TF160808-5N6_	5.6	S, C, D	100	10	4000	0.23	600
TF160808-6N8_	6.8	J, G	100	10	4000	0.25	600
TF160808-8N2_	8.2	J, G	100	10	3500	0.28	600
TF160808-10N_	10.0	J, G	100	12	3200	0.30	600
TF160808-12N_	12.0	J, G	100	12	2600	0.35	600
TF160808-15N_	15.0	J, G	100	12	2300	0.40	600
TF160808-18N_	18.0	J, G	100	12	2000	0.45	600
TF160808-22N_	22.0	J, G	100	12	1600	0.50	600
TF160808-27N_	27.0	J, G	100	12	1400	0.55	600
TF160808-33N_	33.0	J, G	100	12	1200	0.60	600
TF160808-39N_	39.0	J, G	100	12	1100	0.65	500
TF160808-47N_	47.0	J, G	100	12	900	0.70	500
TF160808-56N_	56.0	J, G	100	12	900	0.75	500
TF160808-68N_	68.0	J, G	100	12	700	0.85	400
TF160808-82N_	82.0	J, G	100	12	600	0.95	300
TF160808-R10_	100.0	J, G	100	12	600	1.00	300
TF160808-R12_	120.0	J, G	50	8	500	1.20	300
TF160808-R15_	150.0	J, G	50	8	500	1.20	300
TF160808-R18_	180.0	J, G	50	8	400	1.30	300
TF160808-R22_	220.0	J, G	50	8	400	1.50	300
TF160808-R27_	270.0	J, G	50	8	400	1.90	150
TF160808-R33_	330.0	J, G	50	8	350	2.10	150
TF160808-R39_	390.0	J, G	50	8	350	2.10	150

**B. Dimensions: mm (Inch)**

Series	a	b	c	d	e	f	g
TF160808	1.6 ( 0.063)	0.8 (0.031)	0.8 (0.031)	0.3 (0.012)	2.80(0.110)	1.00(0.039)	0.60(0.024)
Tol.	± 0.2(0.008 )	± 0.2(0.008 )	± 0.2(0.008 )	± 0.2(0.008 )	Typ.	Typ.	Typ.

