

Inductors for high frequency applications Selection Guide



Click Series name in the diagram above for details.

Commercial Grade Automotive Grade

Multilayer Laser Cut Wire Wound

Category		0.4 x 0.2mm [EIA 01005]	0.6 x 0.3mm [EIA 0201]	1.0 x 0.5mm [EIA 0402]	1.6mm x 0.8mm [EIA 0603]	2.0mm x 1.2mm [EIA 0805]
For RF Matching Circuit	Critical Matching PAM FEM Multi-band Cellular [more than 5 bands] 5 Generation App.	Super High Q MHQ0402PSA 0.2 to 22nH 110 to 600mA T=0.22mm Max.	MHQ0603P 0.6 to 39nH 160 to 1000mA T=0.4mm Max.	MHQ1005P 0.7 to 560nH 70 to 1200mA T=0.6mm Max.	B82496C SIMID 0603-C 1 to 220nH 110 to 1800mA T=0.9mm Max.	B82498F3 SIMID 0805-F3 2.7 to 820nH 180mA to 1000mA T=1.4mm Max.
	Normal Matching Cellular (2G,3G,4G) [less than 4 bands] IoT M2M WLAN Bluetooth	High Q MLG0402P 0.2 to 33nH 120 to 350mA T=0.22mm Max.	MLG0603P 0.6 to 120nH 80 to 1000mA T=0.33mm Max.			
		Standard Q MLG0603S 0.3 to 180nH 50 to 600mA T=0.33mm Max.	MLG1005S 0.3 to 390nH 50 to 1000mA T=0.55mm Max.			
	High Freq. Matching WLAN(11a, 11ac)	High SRF MLK0603 1 to 33nH 100 to 300mA T=0.33mm Max.	MLK1005 1 to 330nH 70 to 500mA T=0.6mm Max.			
For Bias Circuit	High Current		MLG0603PPA 2.2 to 4.7nH 900 to 1400mA T=0.33mm Max.			