

Click Series name in the diagram above for details.

			Commercial Grade		Automotive Grade		Multilayer (shield)		Wire Wound (shield)		Wire Wound (non-shield)							
Category			1.0mm x 0.5mm [EIA 0402]		1.6mm x 0.8mm [EIA 0603]		2.0mm x 1.25mm [EIA 0805]		2.5mm x 2.0mm [EIA 1008]		3.2mm x 2.5mm [EIA 1210]		4.5mm x 3.2mm [EIA 1812]		5.6mm x 5.0mm [EIA 2220]			
For matching / filtering circuit	NFC circuit Power lines Smartphone PC Reader/Writer Power supply	Low Loss High Current	MLJ1005 NEW 0.1 to 0.56μH (J tol.) 250 to 500mA SRF:250 to 830MHz		MLJ1608 0.16 to 0.56μH (J tol.) 400 to 700mA SRF:230 to 450MHz													
	NFC circuit W-LAN circuit FM circuit Tuner circuit Smartphone PC,TV,STB DSC/DVR Base station Smart meter Industrial equip.	General	MLF1005 0.1 to 2.2μH (J/K tol.) 30 to 180mA SRF:150 to 880MHz		MLF1608 0.047 to 0.082μH (M tol.) 0.1 to 12μH (J/K tol.) 15 to 33μH (K tol.) 2 to 200mA SRF:30 to 900MHz		MLF2012 0.047 to 0.082μH (M tol.) 0.1 to 12μH (J/K tol.) 15 to 100μH (K tol.) 2 to 300mA SRF:12 to 700MHz		NLV25 0.01 to 100μH (J tol.) 60 to 530mA SRF:12 to 2150MHz		NLV32 0.01 to 470μH (J tol.) 25 to 450mA SRF:4 to 2500MHz		B82422T SIMID 1210-T 0.01 to 100μH (J/K tol.) 60 to 450mA SRF:8 to 4000MHz					
													B82422A*100 SIMID 1210-100 0.0082 to 100μH (J/K tol.) 65 to 800mA SRF:7 to 4000MHz					
For decoupling / choke circuit	Power lines Audio line Smartphone PC TV Power supply DSC/DVR Audio devices Smart meter Industrial equip.	Super High Current					MLZ2012-H 1 to 10μH (M tol.) 200 to 700mA DCR:0.1 to 0.68Ω		NLCV25-R 0.1 to 6.8μH (M tol.) 10μH (K tol.) 360 to 1890mA DCR:0.04 to 1.1Ω		NLCV32-R 0.1 to 6.8μH (M tol.) 10 (K tol.) 440 to 2850mA DCR:0.02 to 0.42Ω							
		High Current	MLZ1005-W 0.47 to 2.2μH (M tol.) 60 to 120mA DCR:0.2 to 0.55Ω		MLZ1608-W 1 to 22μH (M tol.) 55mA to 190mA DCR:0.15 to 2.4Ω		MLZ2012-W 1 to 47μH (M tol.) 50 to 280mA DCR:0.1 to 3.7Ω		NLCV25 1.0 to 6.8μH (M tol.) 10 to 33μH (K tol.) 120 to 475mA DCR:0.34 to 4.2Ω		NLCV32 1.0 to 6.8μH (M tol.) 10 to 330μH (K tol.) 70 to 1000mA DCR:0.06 to 12.3Ω							
		Low DCR			MLZ1608-L 1 to 10μH (M tol.) 60mA to 100mA DCR:0.11 to 0.6Ω		MLZ2012-L 1 to 100μH (M tol.) 30 to 220mA DCR:0.06 to 3.50Ω		NLFV25 1 to 6.8μH (M tol.) 10 to 100μH (K tol.) 40 to 455mA DCR:0.07 to 4Ω		NLFV32 1 to 6.8μH (M tol.) 10 to 1000μH (K tol.) 20 to 750mA DCR:0.06 to 22.5Ω							
		High Frequency			MLZ1608-D 0.1 to 0.47μH (M tol.) 400mA to 700mA DCR:0.14 to 0.42Ω		MLZ2012-D 0.1 to 0.47μH (M tol.) 550 to 1000mA DCR:0.07 to 0.18Ω											
		150℃			KLZ1608-HR NEW 1 to 22μH (M tol.) 55mA to 190mA DCR:0.15 to 2.4Ω		KLZ2012-HR NEW 1 to 100μH (M tol.) 30 to 700mA DCR:0.1 to 3.7Ω						B82422H SIMID 1210-H 1 to 680μH (J/K tol.) 61 to 1150mA DCR:0.10 to 31Ω		B82432T SIMID 1812-T 1 to 1000μH (K tol.) 70 to 1300mA DCR:0.08 to 30Ω		B82442T SIMID 2220-T 46 to 3510mA 30 to 700mA DCR:0.025 to 112Ω	
	Audio Bus A2B	Super High Current					MLZ2012-A NEW 3.3μH (±8% tol. with in the same lot) 350mA DCR:0.2Ω											
	LVDS circuit Power Over Coax ADAS Camera	105℃									ADL3225V NEW 47μH 300mA DCR:0.9Ω							
		125℃					B82498F3*001 SIMID 0805-F3 2.7 to 820 nH 180 to 1000mA DCR:0.03 to 1.9Ω											
		150℃									ADL3225VT NEW 4.7μH, 10μH 720mA, 450mA DCR:0.1Ω, 0.15Ω							