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- TTI inventories a broad range of Murata inductors to fulfill all your design needs.
- Murata utilizes 3 Inductor Technologies to offer the World's Largest Variety of Surface Mount Inductor Solutions.
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Murata's Surface Mount Inductors From TTI Utilize Multiple Technologies to Provide Excellent Variety and Superior Performance.

TTI is your source for Murata Magnetic Products. Murata Electronics, a world leading innovator in electronics manufactures a full line of magnetic products, which includes the most extensive offering of surface mount inductors. These devices are used in a wide variety of applications in a wide range of markets including networking, telecom, computers, and peripherals.

Product Family: Features, Benefits, and Applications					
Product Family	Construction	Murata Part Number Series	Features	Benefits	Applications
Monolithic	Ferrite 	LQM18N, LQM21N LQM21D, LQM21F, LQM31F	<ul style="list-style-type: none"> Magnetically Shielded Cost Effective Compact Size 	<ul style="list-style-type: none"> Lower Emissions, High Density Mounting 	<ul style="list-style-type: none"> Computer Peripherals Test Equipment Networking Devices
	Ceramic 	LQG15H, LQG18H	<ul style="list-style-type: none"> High Q at High Freq. Cost Effective Compact Size 	<ul style="list-style-type: none"> Better Bandwidth Ideal for RF circuits High Density Mounting 	<ul style="list-style-type: none"> Wireless Devices WLAN PDA Telecom
Chip Inductor	Film 	LQP03T, LQP15M,	<ul style="list-style-type: none"> Tight Tolerance Ultra Low Profile High Self Resonance Frequency 	<ul style="list-style-type: none"> Tuning not required Excellent for Impedance Matching Compact Size 0201 	<ul style="list-style-type: none"> PA Modules GPS Pager Wireless Devices
Wire-Wound	Ferrite 	LQH31M, LQH32M, LQH43M, LQH3ER LQH31C, LQH32C, LQH43C, LQH55D, LQH3KS, LQH66S	<ul style="list-style-type: none"> Wide Inductance Range Low DCR High Rated Current 	<ul style="list-style-type: none"> Less Voltage Drop, heat and power consumption 	<ul style="list-style-type: none"> Computer Peripherals Power Supplies Networking Equipment
	Ceramic 	LQW15A, LQW18A, LQW2BH, LQW31H, LQH31H	<ul style="list-style-type: none"> High Q at High Freq. Low DCR Compact Size 	<ul style="list-style-type: none"> Better Bandwidth Less Voltage Drop, heat and power consumption 	<ul style="list-style-type: none"> Wireless Devices WLAN PDA Telecom

Part Numbering System									
Chip Series	Structure	Dimension	Applications	Category	Inductance	Tolerance	Features	Electrode	Packaging Code
LQ	W	15	A	N	4N7	C	0	0	L
LQ: Surface Mount Inductor	G: Multi-Layer (Air Core) H: Winding (Ferrite Core) M: Multi-Layer (Ferrite Core) P: Film Type W: Winding Type (Air Core)	03: 0.6 x 0.3mm 15: 1.0 x 0.5mm 18: 1.6 x 0.8 21: 2.0 x 1.25mm 2B: 2.0 x 1.5mm 31: 3.2 x 1.6mm 32: 3.2 x 2.5mm 3E: 3.5 x 3.2mm 43: 4.5 x 3.2mm 55: 5.7 x 5.0mm 66: 6.3 x 6.3mm	H: High Q-type N: Resonant Circuit D: Choke Circuit F: Choke Circuit M: Film Type A: High Q Type	N: Standard H: Automotive	4N7: 4.7nH	B: +/-0.1nH C: +/-0.2nH D: +/-0.5nH G: +/-2% J: +/-2% K: +/-10% M: +/-20% N: +/-30% S: +/-0.3nH	0: Standard 0: Solder Plating 1: Sputtering 2: Sn Plating	L: 7" Tape K: 13" Tape B: Bulk	

Competitor Cross Reference					
Competitor	Competitor Series	Murata Cross	Competitor	Competitor Series	Murata Cross
BI Tech	BCL	LQH	TDK	MLF	LQM
CoilCraft	0402CS	LQW15A		MLG / MLK	LQG
	0603CS	LQW18A		NL3225	LQH32M
	0805CS	LQW2BH		NL4532	LQH43M
Taiyo Yuden	HK1005 / HK1608	LQG15H / LQG18H		NLC3225	LQH32C
	LK1608	LQM18N		NLC4532	LQH43C
Toko	LL1005 / LL1608	LQG15H / LQG18H		SLF	LQH55D / LQH66S