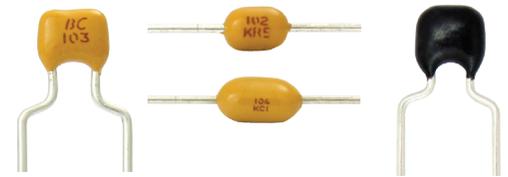




CAPABILITIES AND CUSTOM OPTIONS

AUTOMOTIVE LEADED MLCCs

Main Application	Advantage
EMI filtering in automotive sensors and DC motors	• High operating temperature up to 200 °C
	• AEC-Q200 qualified
	• May be welded directly onto lead frames and overmolded



CUSTOM OPTIONS

Series	Voltage	Capacitance	Tolerance	Temperature Characteristics	Operating Temperature	Terminal
 A...R Series	50 V _{DC} to 200 V _{DC}	100 pF to 1.0 µF	± 5 % ± 10 % ± 20 %	C0G / X7R	-55 °C to +160 °C	Axial leaded
 K...R Series						Radial leaded
 K...H Series				C0G / X0U	-55 °C to +175 °C (200 °C for 500 h)	

SPECIALTY DEVICES

Lead Wire Materials	Lead Wire Configuration	Packaging	Operating Temperature
<ul style="list-style-type: none"> • Copper-clad steel (standard) • Nickel • Copper 	<ul style="list-style-type: none"> • Straight leads • Flat bend leads • Outside kink 	<ul style="list-style-type: none"> • Bulk • Ammo • Tape and reel • Special taping on request 	<ul style="list-style-type: none"> • K...H Series up to 200 °C for 500 hours

