Automotive MLCC

Automotive





AVX Corporation has supported the Automotive Industry requirements for Multilayer Ceramic Capacitors consistently for more than 10 years. Products have been developed and tested specifically for automotive applications and all manufacturing facilities are QS9000 and VDA 6.4 approved.

As part of our sustained investment in capacity and state of the art technology, we are now transitioning from the established Pd/Ag electrode system to a Base Metal Electrode system (BME).

AVX is using AECQ200 as the qualification vehicle for this transition. A detailed qualification package is available on request and contains results on a range of part numbers including:

- X7R dielectric components containing BME electrode and copper terminations with a Ni/Sn plated overcoat.
- X7R dielectric components, BME electrode with epoxy finish for conductive glue mounting.
- X7R dielectric components BME electrode and soft terminations with a Ni/Sn plated overcoat.
- NPO dielectric components containing Pd/Ag electrode and silver termination with a Ni/Sn plated overcoat.

Check for up-to-date CV Tables at

http://www.avx.com/docs/catalogs/cauto.pdf

HOW TO ORDER



111

AUTOMOTIVE MLCC – NPO

MLC

Automotive





= Plastic Tape

AUTOMOTIVE MLCC – X7R

	0603					0805							1206							1210		1812					
	16V	25V	50V	100V	200V	10V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200V	500V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200
101																											
121																											
151																											
181																											
221																											
271	G	G	G	G		J	J	J	J																		
331	G	G	G	G		J	J	J	J	J	J																
391	G	G	G	G		J	J	J	J	J	J																<u> </u>
471	G	G	G	G		J	J	J	J	J	J																<u> </u>
561	G	G	G	G		J	J	J	J	J	J															<u> </u>	<u> </u>
681	G	G	G	G		J	J	J	J	J	J																
821	G	G	G	G		J	J	J	J	J	J																
102	G	G	G	G		J	J	J	J	J	J	J	J	J	J	J	J										
122	G	G	G	G		J	J	J	J	J	J	J	J	J	J	J											
152	G	G G	G	G		J	J	J	J	J	J	J	J	J	J	J											
182 222	G G	G	G	G G		J	J	J	J	J	J	J	J	J	J	J										<u> </u>	
272	G	G	G G	G		J	J	ل ل	J J	J	J	J	J	J	J	J J										┢────┘	
332	G	G	G	G		J	J	J	J	J			J	J	J	J											+
392	G	G	G	G		J	J	J	J	J		J	J	J	J	J											-
472	G	G	G	G		J	J	J	J	J		J	J	J	J	J											\vdash
562	G	G	G	G		J	J	J	J	J		J	J	J	J												+
682	G	G	G	G		J	J	J	J	J		J	J	J	J												1
822	G	G	G	G		J	J	J	J	J		J	J	J	J												1
103	G	G	G	G		J	J	J	J	J		J	J	J	J											К	
	16V	25V	50V	100V	200V	10V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200V	500V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200
			0603			0805						1206								1210		1812					

RoHS

= Plastic Tape

		0603					0805						1206							1210		1812					
	16V	25V	50V	100V	200V	10V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200V	500V	16V	25V	50V	100V	200V	16V	25V	50V	100V	200V
123	G	G	G			J	J	J	J	М		J	J	J	J											K	
153	G	G	G			J	J	J	J	М		J	J	J	J											K	
183	G	G	G			J	J	J	J	М		J	J	J	J											K	
223	G	G	G			J	J	J	J	М		J	J	J	J						K					K	
273	G	G	G			J	J	J	J	М		J	J	J	J						K					K	
333	G	G	G			J	J	J	J	М		J	J	J	J						K					K	
393	G	G				J	J	J	J	М		J	J	J	М						K					K	
473	G	G				J	J	J	J	М		J	J	J	М						K					K	
563	G					J	J	J	J			J	J	J	М			K	K	K	М		K	K	K	K	
683	G					J	J	J	J			J	J	J	М			K	K	K	М		K	K	K	K	
823	G					J	J	J	J			J	J	J	М			K	K	K	М		K	K	K	K	
104	G					J	J	J	J			J	J	J	М			K	K	K	М		K	K	K	K	
124						J	J	J				J	J	М	М			K	K	K	Р		K	K	K	K	
154						М	М	N				J	J	М				K	K	K			K	K	K	М	
184						М	М	Ν				J	М	М				М	М	М			K	K	K	М	
224						М	М	N				J	М	М				М	М	М			М	М	М	М	
274						Ν	N					J	М					Р	Р	P			М	М	М	М	
334						N	N					J	М					Ρ	Р	P			Х	Х	Х	Х	
394						N	N					М	M					Ρ	Р	P			Х	Х	Х	Х	
474						N	N					М	M					Ρ	Р	P			Х	Х	Х	Х	
564						N						М						Ρ					Х	Х	Х		
684						N						М						Ρ					Х	Х	Х		
824						N						М						P					Х	Х	Х		
105	<u> </u>					N						М						P					Х	Х	Х		
155	16V	25V	50V	1001/	2001/	10V	16V	25V	50V	100V	200V	16V	25V	50V	100V	2001/	5001/	P 16V	25V	50V	100V	2001/	16V	25V	50V	1001/	2001
	16V 25V 50V 100V 200V 0603					100	100	-	B05	1000	2001	16V 25V 50V 100V 200V 500V 1206						100	201	1210		2001	16V 25V 50V 100V 200V 1812				







