

MLCC Formulations

積層電容瓷粉

PME- NPO Series

Designation	Electric Properties			Electrode compatible	Reference Firing Temperature, °C
	K value	D.F.	TCC		
CG620	62	≤0.1%	COG	Pd30 Ag70	1125°C
CG880	80	≤0.1%	COG	Pd30 Ag70	1125°C
CG101G	100	≤0.1%	COG	Pd30 Ag70	1140°C
UCG290	29	≤0.05%	COG	Pd10 Ag90	980°C
UCG400	40	≤0.1%	COG	Pd10 Ag90	980°C
UCG980V	99	≤0.1%	COG	Pd10 Ag90	980°C
ECG140	14	≤0.1%	COG	Pd 5 Ag95	930°C
ECG840	80	≤0.1%	COG	Pd 5 Ag95	925°C
ECG970	95	≤0.1%	COG	Pd 5 Ag95	925°C
TCG350	30	≤0.1%	COG	Pd 3 Ag97 ~ 100Ag	875°C
TCG820	78	≤0.1%	COG	Pd 3 Ag97 ~ 100Ag	875°C

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PME- X7R X8R Series

Designation	Electric Properties			Electrode compatible	Reference Firing Temperature, °C
	K value	D.F.	TCC		
LF-X7R222	2400	$\leq 1\%$	X7R	Pd15 Ag85	1060°C
LF-X8R202	2000	$\leq 1\%$	X8R	Pd20 Ag80	1090°C
LF-X7R202	2000	$\leq 1\%$	X7R/BX	Pd20 Ag80	1120°C
LF-X7R282F	2300	$\leq 2.5\%$	X7R	Pd30 Ag70	1140°C
LF-X7R302	2800	$\leq 2.5\%$	X7R	Pd30 Ag70	1140°C

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BME Series

Designation	Electric Properties			Electrode compatible	Reference Firing Temperature, °C
	K value	D.F.	TCC		
BME-Y5V	15000	≤ 7.0%	Y5V	Ni	1250°C
BME-X7R	2500	≤ 3.5%	X7R	Ni	1260~1280°C
BME-X7R	2500	≤ 3.5%	X7R	Ni	1280~1320°C
BME-X7R	2900	≤ 3.5%	X7R	Ni	1260~1300°C
BME-X7R	3400	≤ 3.5%	X7R	Ni	1320°C
BME-NPO	31	≤ 0.1%	COG	Ni	1300°C