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MLCC ROHS Material Declaration

Product Series	Material	ROHS Compliant	Pb Free Termination	Maximum Solder Temperature (°C)	% by Weight																									
					Ba 鋇	Zr 鋯	Ca 鈣	Sr 銣	Nd 釹	Nb 鈮	Mg 鎂	Ti 鈦	Pd 鈳	Ag 銀	Ni 鎳	Sn 錫	Cu 銅	Al 鋁	Rh 銠	Sm 釷	Bi 鉍	Pr 鉕	Zn 鋅	Pb 鉛	Cd 鎘	Cr VI 六價鉻	Hg 汞	PBDE 多溴聯苯醚	PBB 多溴聯苯	Trace of other Elements
HVC	NPO ≤180 pF	Y	Y	265	0	40	25	10	0	0	0.2	1.5	0	0	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0	0.00
	NPO ≤180 pF (Super term.)	Y	Y	265	0	39	24	9	0	0	0.2	1.5	0	3	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0.00	
	X7R	Y	Y	265	54	4	2	1	0	0	0	27	0	0	4	3	4	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
	X7R (super term.)	Y	Y	265	54	4	2	1	0	0	0	27	0	2	4	3	2	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
SCC	NPO ≤180 pF	Y	Y	265	0	40	25	10	0	0	0.2	1.5	0	0	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0.00	
	NPO ≤180 pF (Super term.)	Y	Y	265	0	39	24	9	0	0	0.2	1.5	0	3	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0.00	
	X7R	Y	Y	265	54	4	2	1	0	0	0	27	0	0	4	3	4	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
	X7R (super term.)	Y	Y	265	54	4	2	1	0	0	0	27	0	2	4	3	2	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
NCC	NPO	Y	Y	265	0	39	24	9	0	0	0.2	1.5	0	3	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0.00	
	X7R	Y	Y	265	51.5	0	0.3	0	0	0	0	25.7	0	0	15	3	3.5	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
	X5R	Y	Y	265	46.5	4	2	1	0	0	0	23.8	0	0	15	3	3.5	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.20	
	Y5V	Y	Y	265	50.4	0	0	0	0	0	0	13	0	0	5.25	22	2.3	0.1	0	0.35	0	2.1	4.5	0	0	0	0	0	0.00	
HCC	X7R	Y	Y	265	51.5	0	0.3	0	0	0	0	25.7	0	0	15	3	3.5	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	
	X5R	Y	Y	265	46.5	4	2	1	0	0	0	23.8	0	0	15	3	3.5	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.20	
	Y5V	Y	Y	265	50.4	0	0	0	0	0	0	13	0	0	5.25	22	2.3	0.1	0	0.35	0	2.1	4.5	0	0	0	0	0	0.00	
HCN	NPO	Y	Y	265	0	39	24	9	0	0	0.2	1.5	0	3	3	7	10	0.7	2.6	0	0	0	0	0	0	0	0	0	0.00	
HCX	X7R	Y	Y	265	51.5	0	0.3	0	0	0	0	25.7	0	0	15	3	3.5	0.3	0.3	0	0	0	0.4	0	0	0	0	0	0.00	

Due to variation in Capacitance values, voltages and sizes, the numbers are all typical.