

 NPO, X7R, Y5V

PART	MAX HEIGHT	INNER ELECTRODE	DIELECTRIC	CONTACT WITH CERAMIC	TERMINAL BARRIER LAYER	OUTER SOLDER LAYER
0805	20	2.1%	95.3%	1.7%	0.2%	0.7%
1206	40	4.3%	95.3%	1.6%	0.2%	0.6%
1210	110	9.0%	89.7%	0.7%	0.08%	0.5%
1808	120	10.0%	89.2%	0.5%	0.06%	0.2%
1812	230	11.0%	88.5%	0.3%	0.04%	0.2%
1825	650	11.8%	87.8%	0.2%	0.02%	0.2%
2220	600	11.7%	87.9%	0.2%	0.02%	0.2%
2225	760	12.1%	87.6%	0.1%	0.01%	0.2%

PART	MATERIAL (NPO)		CAS NO.
Body	Inner Electrode	Ag/Pd	7440-22-4 / 7440-05-3
	Dielectric	Neodium Oxide Titanium Dioxide Barrium Titanate	1313-97-7 13463-67-7 12047-27-7
Termination	Contact with Ceramic	Ag	7440-22-4
	Barrier Layer	Ni	7440-02-0
	Solder Plating	Sn	7440-31-5

PART	MATERIAL (X7R, Y5V)		CAS NO.
Body	Inner Electrode	Ag/Pd	7440-02-0
	Dielectric	BaTiO3	12047-27-7
Termination	Contact with Ceramic	Ag	7440-22-4
	Barrier Layer	Ni	7440-02-0
	Solder Plating	Sn	7440-31-5