

CAL-CHIP PART NUMBER: **CVH*****T**

Material declaration Data Sheet

CHV Series

NPO,X7R,Y5V

Case size	Max Weight (mg)	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%	93.3%	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%

Materials (NPO)

CAS#

INNER ELECTRODE	Ag/Pd	7440-22-4/ 7440-05-3
DIELECTRIC	NEODIUM OXIDE	1313-97-7
	TITANIUM DIOXIDE	13463-67-7
	BARIUM TITANATE	12047-27-7
CONTACT WITH CERAMIC	Ag	7440-22-4
BARRIER LAYER	Ni	7440-02-0
SOLDER PLATING	Sn	7440-31-5

Materials (X7R, Y5V)

INNER ELECTRODE	Ni	7440-02-0
DIELECTRIC	BaTiO3	12047-27-7
CONTACT WITH CERAMIC	Ag	7440-22-4
BARRIER LAYER	Ni	7440-02-0
SOLDER PLATING	Sn	7440-31-5