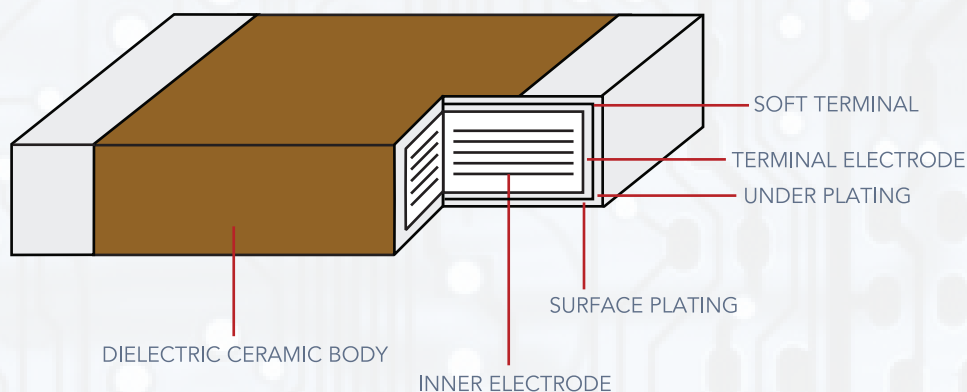


## PRODUCT IDENTIFICATION

- PRODUCT NAME                      Capacitor (MLCC)
- SERIES                                GMC01
- SIZE                                    01005
- DIALECTRIC                         C0G
- WEIGHT                                6 MG
- MANUFACTURE NAME            Cal-Chip Electronics Inc.
- ADDRESS                              59 Steamwhistle Drive Ivyland, PA 18974

## GENERAL COMPOSITION



PART	MATERIAL	WEIGHT (MG)	% OF PART	CAS NO.
Ceramic Body	Zirconium Dioxide	3.6	60.00	1314-23-4
	Calcium Oxide	1.626	27.10	1305-78-8
Inner Electrode	Nickel	0.402	6.70	7440-02-0
Termination	Copper	0.1962	3.27	7440-50-8
Barrier Layer	Nickel	0.0516	0.86	7440-02-0
Solder Plating	Tin	0.1242	2.07	7440-31-5
SUBTOTAL		6 MG		
ALL PARTS TOTAL		6 MG		

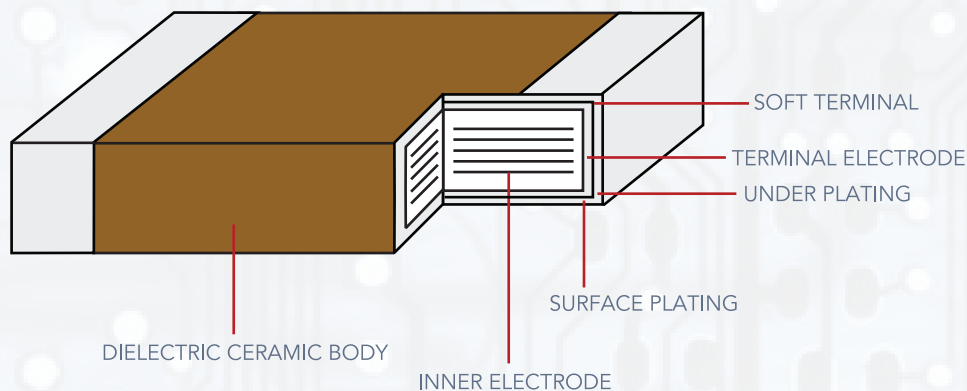
# MATERIAL DECLARATION

GMC01- X7R

## PRODUCT IDENTIFICATION

- PRODUCT NAME	Capacitor (MLCC)
- SERIES	GMC01
- SIZE	01005
- DIALECTRIC	X7R
- WEIGHT	0.09 MG
- MANUFACTURE NAME	Cal-Chip Electronics Inc.
- ADDRESS	59 Steamwhistle Drive Ivyland, PA 18974

## GENERAL COMPOSITION



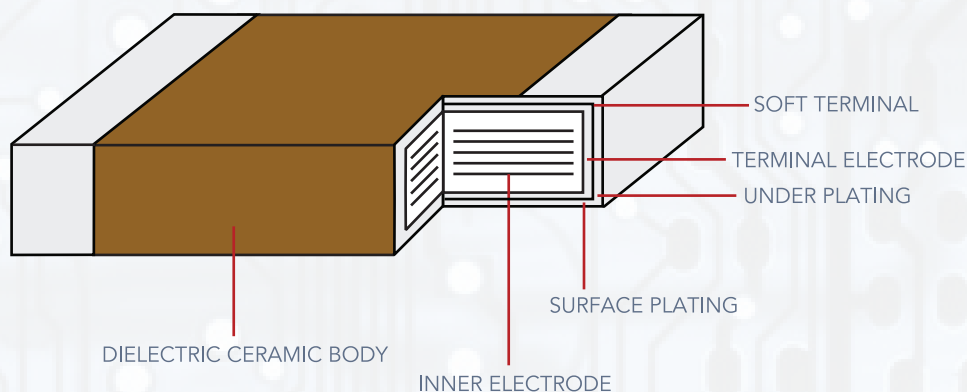
PART	MATERIAL		WEIGHT (MG)	% OF PART	CAS NO.
Ceramic Body	BaTiO <sub>3</sub>	Barium Titanate	0.076	84.8	12047-27-7
Inner Electrode	Ni	Nickel	0.008	8.6	7440-02-0
Termination	Cu	Copper	0.003	3.3	7440-50-8
Barrier Layer	Ni	Nickel	0.001	1.1	7440-02-0
Solder Plating	Sn	Tin	0.002	2.2	7440-31-5
SUBTOTAL			0.09 MG		
ALL PARTS TOTAL			0.09 MG		



## PRODUCT IDENTIFICATION

- PRODUCT NAME                      Capacitor (MLCC)
- SERIES                                GMC01
- SIZE                                    01005
- DIALECTRIC                         X5R
- WEIGHT                                0.1 MG
- MANUFACTURE NAME            Cal-Chip Electronics Inc.
- ADDRESS                              59 Steamwhistle Drive Ivyland, PA 18974

## GENERAL COMPOSITION



PART	MATERIAL		WEIGHT (MG)	% OF PART	CAS NO.
Ceramic Body	BaTiO <sub>3</sub>	Barium Titanate	0.051	51.00	12047-27-7
Inner Electrode	Ni	Nickel	0.043	43.00	7440-02-0
Termination	Cu	Copper	0.003	3.00	7440-50-8
Barrier Layer	Ni	Nickel	0.001	1.00	7440-02-0
Solder Plating	Sn	Tin	0.002	2.00	7440-31-5
SUBTOTAL			0.1 MG		
ALL PARTS TOTAL			0.1 MG		