

GBBL SUBSTRATE

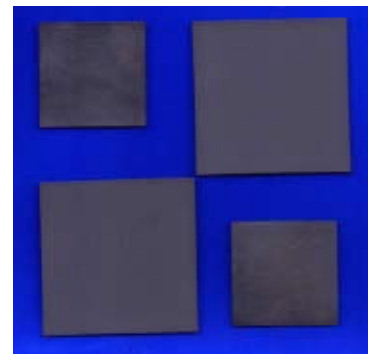
Substrate for Single Layer (Grain Boundary Barrier Layer) Capacitors.

Features

GBBL Substrate has 10 times and 20 times higher dielectric constant than traditional material but keeps the same property; Low-loss; Low insertion loss; Operates at very much higher frequency than traditional material and below the self-resonant frequency.

Application

DC Block, RF Bypass, Source Bypass, and Impedance Matching.



Specification

K	Size	Thickness	D.F. (%)	I.R. (25~50V)	TCC(-55°~ +125°C)
20000-22000	1.5"x1.5"	0.005"-0.020"	<1.5	>10G	X7R <+/-15%
25000=Avx MAXI + (<25mil part with border K=30000~50000)	1.5"x1.5"	0.005"-0.020"	<1.5	>10G	X7R <+/-15%
Low TC 15000-25000	1.5"x1.5"	0.005"-0.020"	<1.5	>10G	<+/-4.0%
Super High K 45000-50000 (<25mil Part With border K=90000-100000)	1.5"x1.5"	0.005"-0.020"	<1.5	>10G	X7S<+/-18~20%