



GVB SERIES

BROADBAND BYPASS CAPACITORS FOR GaN

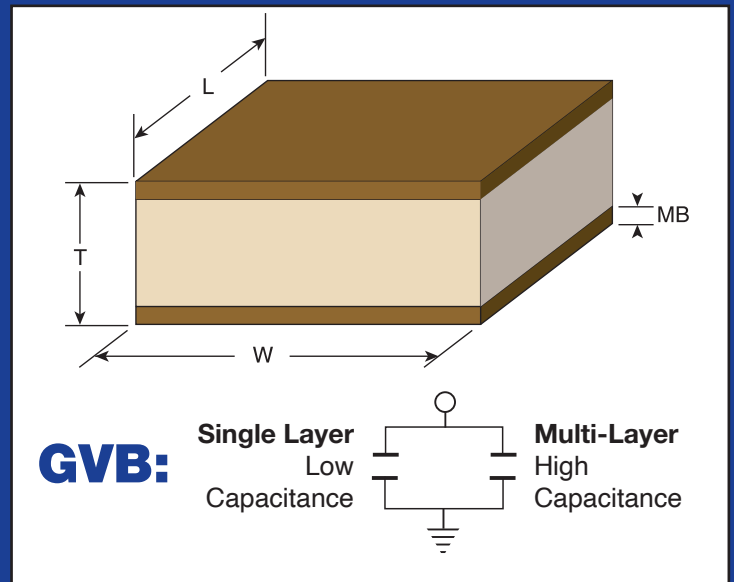
100V RATED • WIREBONDABLE

SIZES

Part Numbers	L inch (mm)	W inch (mm)	T inch (mm)	Capacitance	Tolerance	Voltage Rating (DC)
GVB2020X102M3H5C1	0.020 (0.50)	0.020 (0.50)	0.015 (0.38)	1,000pF	± 20%	100V
GVB3030X103M3H5C1	0.030 (0.75)	0.030 (0.75)	0.022 (0.56)	10,000pF	± 20%	100V

FEATURES:

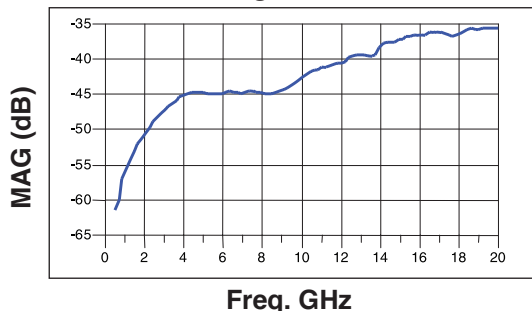
- 100V DC Voltage Rating
- Compact
- Low Profile
- X7R Characteristics
- -55 to 125°C Operating Range
- 100's of KHz to Over 50GHz



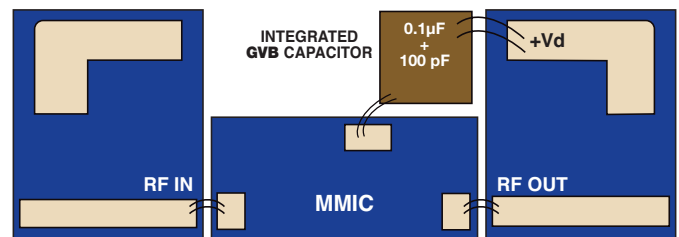
TYPICAL INSERTION LOSS

Data in Shunt

Average MAG S21



GVB SERIES





PRESIDIO PRODUCT LINES

100% U.S. Made, 100% U.S. Owned

PRESIDIO COMPONENTS, INC.

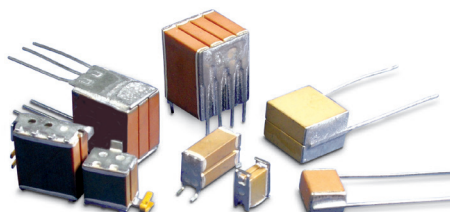
maintains more than 100 million commercial and military parts in inventory. We also offer multitudes of intermediate sizes, voltages, tolerances, termination finishes, lead-frame styles and more.

Some of our specialties include ceramic capacitors for high temperatures, cryogenic temperatures, pulse discharge applications as well as high Q dielectric, negative and positive temperature characteristic and piezoelectric ceramic formulations.

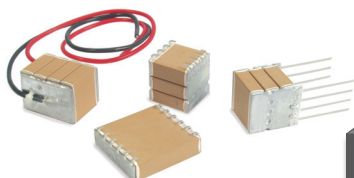
Backed with numerous patents and hundred of years of combined experience, Presidio is well suited to offer a solution to your demanding applications. Please contact our engineering team to discuss your specific needs.



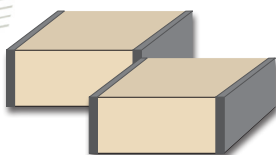
STACKS WITH INTERDIGITATED LEADS



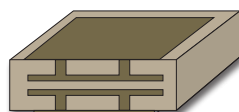
OPTIMIZED STACKED ASSEMBLY



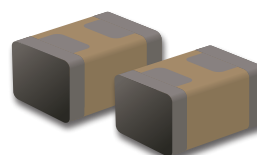
HIGH FREQUENCY
HIGH POWER STACKS



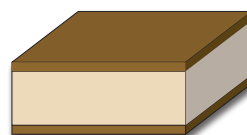
HIGH Q NPO
RF CAPACITORS



SMALLEST & BEST IN CLASS
WIREBONDABLE
SINGLE LAYER



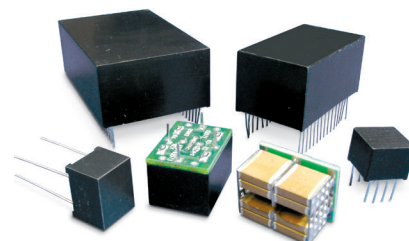
SMD BROADBAND DC BLOCK
BB SERIES



WIREBONDABLE
BYPASS (VL Series)
BROADBAND BYPASS (VB Series)



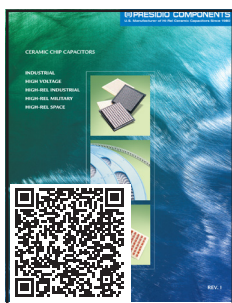
'S' LEAD STACKS



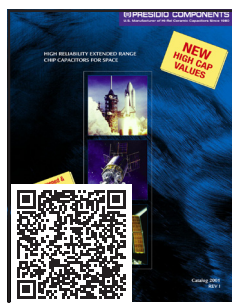
ENCAPSULATED STACKS

MAIN PRODUCT CATALOGS

Click Catalog Cover or Scan QR Code to Visit Product Page on Website



SURFACE MOUNT
CERAMIC CHIP
CAPACITORS



HIGH RELIABILITY
EXTENDED RANGE
CHIPS FOR SPACE



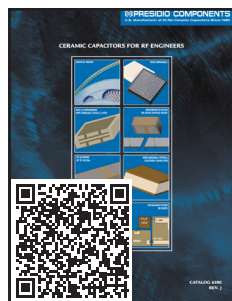
CERAMIC STACKED
CAPACITORS
FOR SMPS



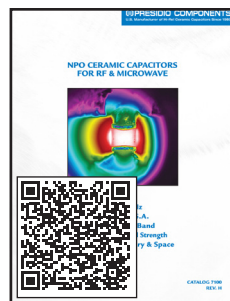
HIGH TEMPERATURE
CERAMIC
CAPACITORS



HIGH VOLTAGE RADIAL LEADED
& MIL-PRF-49467
CERAMIC CAPACITORS



CERAMIC CAPACITORS
FOR RF ENGINEERS



HIGH Q NPO
CERAMIC CAPACITORS
FOR RF & MICROWAVE



PULSE DISCHARGE
CERAMIC CAPACITORS

Information in
this document is subject to
change without notice.



PRESIDIO COMPONENTS, INC.

7169 Construction Court, San Diego, CA 92121 • Tel: +1-858-578-9390
www.presidiocomponents.com • info@presidiocomponents.com

MAY 2025