



## GVB SERIES

# BROADBAND BYPASS CAPACITORS FOR GaN MMIC

## 100V RATED • WIREBONDABLE

### FOR DRAIN OPERATING FROM 28 TO 65 V

Part Numbers	L inch (mm)	W inch (mm)	T inch (mm)	Dielectric	Capacitance	Tolerance	Voltage Rating (DC)
GVB2020X102M3H5C1	0.020 (0.51)	0.020 (0.51)	0.015 (0.38)	X7R	1,000 pF	± 20%	100V
GVB2020Y103Z3H5C1	0.020 (0.51)	0.020 (0.51)	0.015 (0.38)	Y5V	10,000 pF	+80/-20%	100V
GVB2040X222M3H5C1	0.020 (0.51)	0.040 (1.02)	0.017 (0.43)	X7R	2,200 pF	± 20%	100V
GVB3030X103M3H5C1	0.030 (0.76)	0.030 (0.76)	0.022 (0.56)	X7R	10,000 pF	± 20%	100V
GVB3060X103M3H5C1	0.030 (0.76)	0.060 (1.52)	0.017 (0.43)	X7R	10,000 pF	± 20%	100V
GVB4080X183M3H5C1	0.042 (1.07)	0.083 (2.11)	0.017 (0.43)	X7R	18,000 pF	± 20%	100V

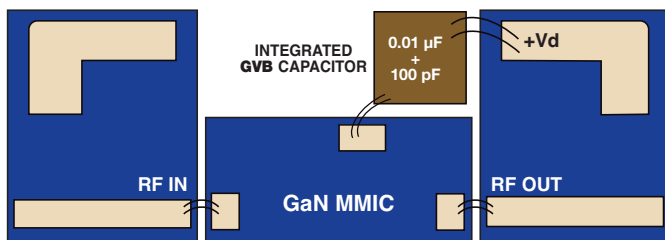
### FEATURES:

- High Capacitance in Small Sizes
- Compact & Low Profile
- Excellent Frequency Response
- ~16 KHz to Over 50 GHz
- Gold Thickness: 200 µinch Minimum
- Easy to Wirebond
- Epoxy Mounted
- RoHS Compliant

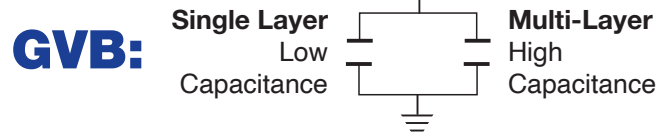
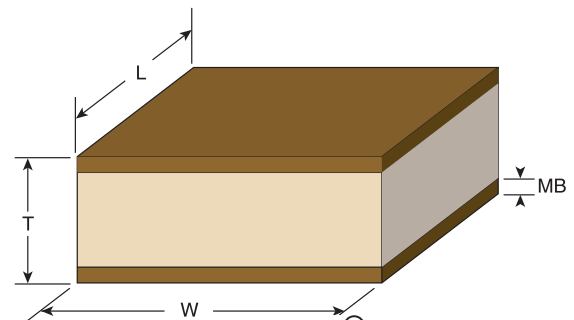
### APPLICATIONS:

- RF Broadband Bypassing
- DC Blocking
- Coupling
- Filtering
- Military & Space Screening Available

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Note: For different sizes, capacitance values, and voltage ratings please consult the RF Catalog 6100 on our website or contact the factory.





# PRESIDIO PRODUCT LINES

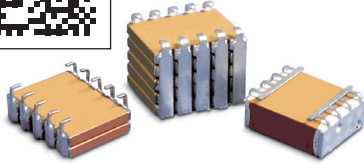
100% U.S. Made, 100% U.S. Owned

## PRESIDIO COMPONENTS, INC.

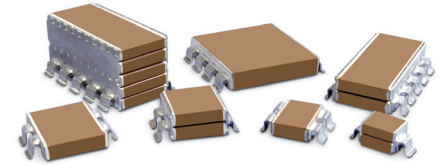
maintains more than 100 million commercial and military parts in inventory. We also offer multitudes of intermediate sizes, voltages, tolerances, termination finishes, lead-frame styles and more.

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.

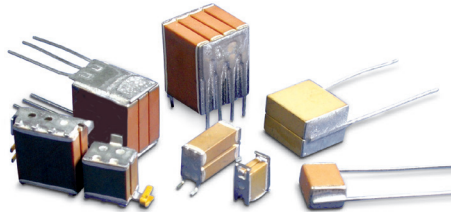
Backed with numerous patents and hundred of years of combined experience, Presidio is well suited to offer a solution to your demanding applications. Please contact our engineering team to discuss your specific needs.



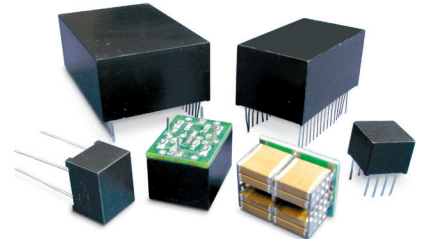
STACKS WITH INTERDIGITATED LEADS



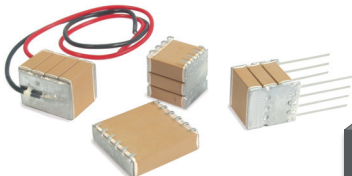
'S' LEAD STACKS



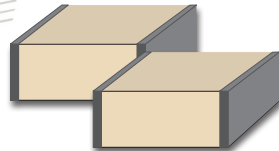
OPTIMIZED STACKED ASSEMBLY



ENCAPSULATED STACKS



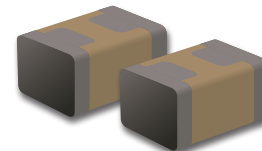
HIGH FREQUENCY HIGH POWER STACKS



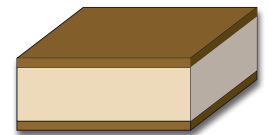
HIGH Q NPO RF CAPACITORS



SMALLEST & BEST IN CLASS WIREBONDABLE SINGLE LAYER



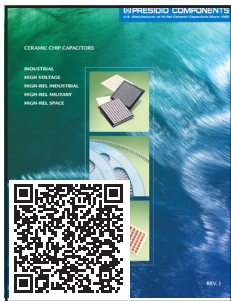
SMD BROADBAND DC BLOCK BB SERIES



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

## MAIN PRODUCT CATALOGS

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



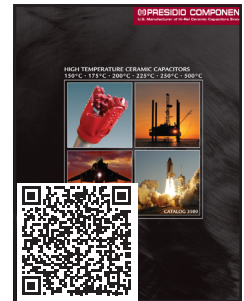
SURFACE MOUNT CERAMIC CHIP CAPACITORS



HIGH RELIABILITY EXTENDED RANGE CHIP CAPACITORS FOR SPACE



CERAMIC STACKED CAPACITORS FOR SMPS



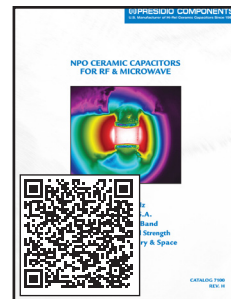
HIGH TEMPERATURE CERAMIC CAPACITORS



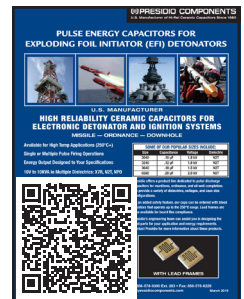
HIGH VOLTAGE RADIAL LEADED & MIL-PRF-49467 CERAMIC CAPACITORS



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.



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