



GVB SERIES

BROADBAND BYPASS CAPACITORS FOR GaN

**100V RATED • WIREBONDABLE
FOR DRAIN OPERATING FROM 28 TO 65 V**

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

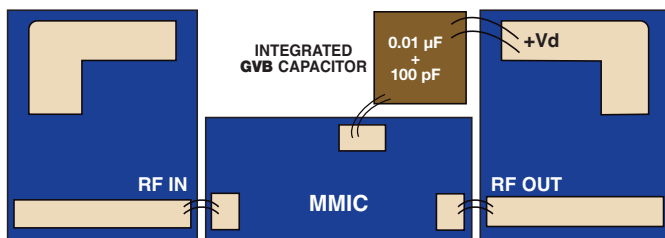
FEATURES:

- High Capacitance in Small Sizes
- Very Low Profile
- X7R Characteristics -55 to +125°C Operating Range
- Excellent Frequency Response
- 100's of KHz to Over 50 GHz
- Gold Thickness: 200 µinch Minimum
- Easy to Wirebond
- Epoxy Mounted
- RoHS Compliant

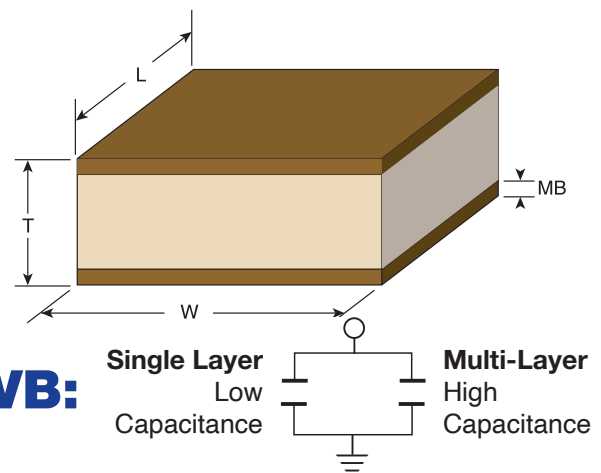
APPLICATIONS:

- RF Bypassing
- DC Blocking
- Coupling
- Filtering

GVB SERIES



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.

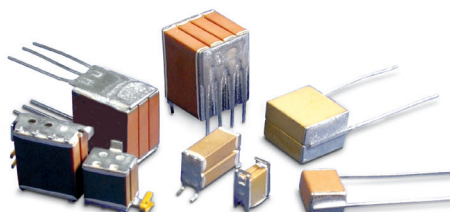
maintains more than 100 million commercial and military parts in inventory. We also offer multitudes of intermediate sizes, voltages, tolerances, termination finishes, lead-frame styles and more.

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.

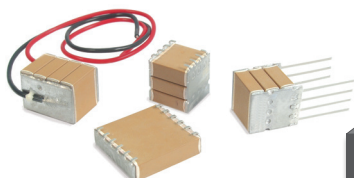
Backed with numerous patents and hundred of years of combined experience, Presidio is well suited to offer a solution to your demanding applications. Please contact our engineering team to discuss your specific needs.



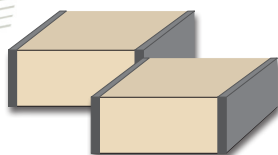
STACKS WITH INTERDIGITATED LEADS



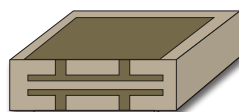
OPTIMIZED STACKED ASSEMBLY



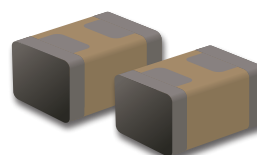
HIGH FREQUENCY
HIGH POWER STACKS



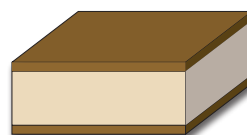
HIGH Q NPO
RF CAPACITORS



SMALLEST & BEST IN CLASS
WIREBONDABLE
SINGLE LAYER



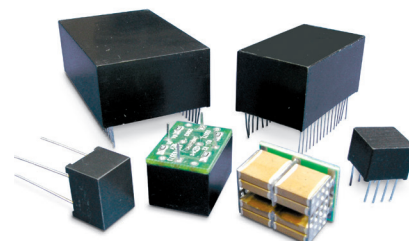
SMD BROADBAND DC BLOCK
BB SERIES



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



'S' LEAD STACKS



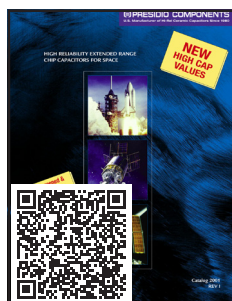
ENCAPSULATED STACKS

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



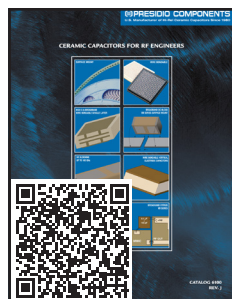
CERAMIC STACKED
CAPACITORS
FOR SMPS



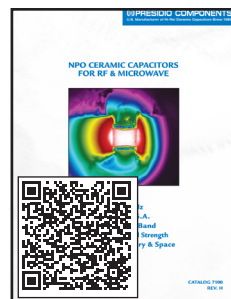
HIGH TEMPERATURE
CERAMIC
CAPACITORS



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
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change without notice.



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