

**GVB SERIES****BROADBAND BYPASS CAPACITORS FOR GaN****100V RATED • WIREBONDABLE  
FOR DRAIN OPERATING FROM 28 TO 65 V**

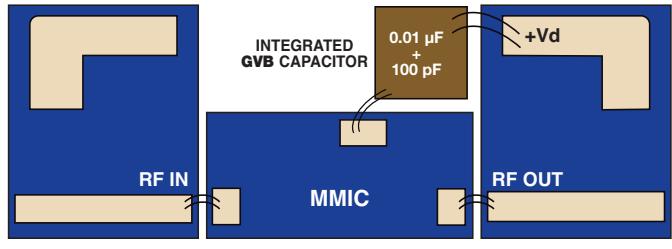
Part Numbers	L inch (mm)	W inch (mm)	T inch (mm)	Dielectric	Capacitance	Tolerance	Voltage Rating (DC)
GVB2020X102M3H5C1	0.020 (0.51)	0.020 (0.51)	0.015 (0.38)	X7R	1,000 pF	$\pm 20\%$	100V
GVB2020Y103Z3H5C1	0.020 (0.51)	0.020 (0.51)	0.015 (0.38)	Y5V	10,000 pF	+80/-20%	100V
GVB2040X222M3H5C1	0.020 (0.51)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

**FEATURES:**

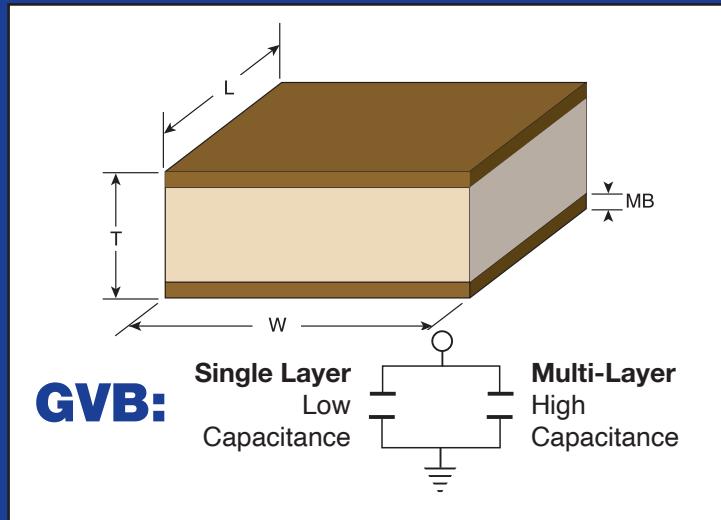
- High Capacitance in Small Sizes
- Compact & Low Profile
- Excellent Frequency Response
- ~16 KHz to Over 50 GHz
- Gold Thickness: 200  $\mu$ inch Minimum
- Easy to Wirebond
- Epoxy Mounted
- RoHS Compliant

**APPLICATIONS:**

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

**GVB SERIES**

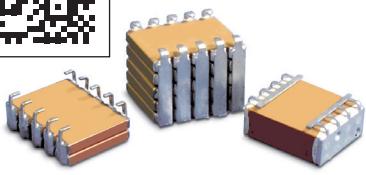
Note: For different sizes, capacitance values, and voltage ratings please consult the RF Catalog 6100 on our website or contact the factory.





# PRESIDIO PRODUCT LINES

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



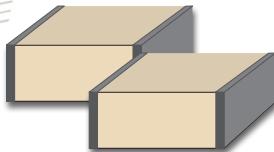
STACKS WITH INTERDIGITATED LEADS



OPTIMIZED STACKED ASSEMBLY



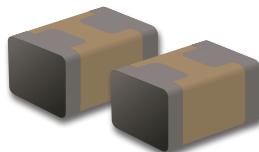
HIGH FREQUENCY  
HIGH POWER STACKS



HIGH Q NPO  
RF CAPACITORS

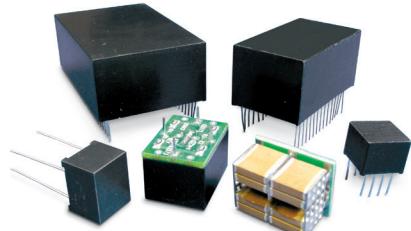


SMALLEST & BEST IN CLASS  
WIREBONDABLE  
SINGLE LAYER

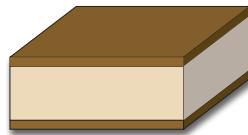


SMD BROADBAND DC BLOCK  
BB SERIES

'S' LEAD STACKS



ENCAPSULATED STACKS



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  
CHIPS FOR SPACE



CERAMIC STACKED  
CAPACITORS  
FOR SMPS



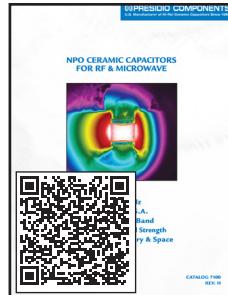
HIGH TEMPERATURE  
CERAMIC  
CAPACITORS



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.



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