

NEW PRODUCT

Broadband Bypass, 10 MHz to 70 GHz+

Ultrastable broadband bypass performance in the industry's smallest footprint

GVB2020Y103Z3H5C1

0.020" x 0.020"

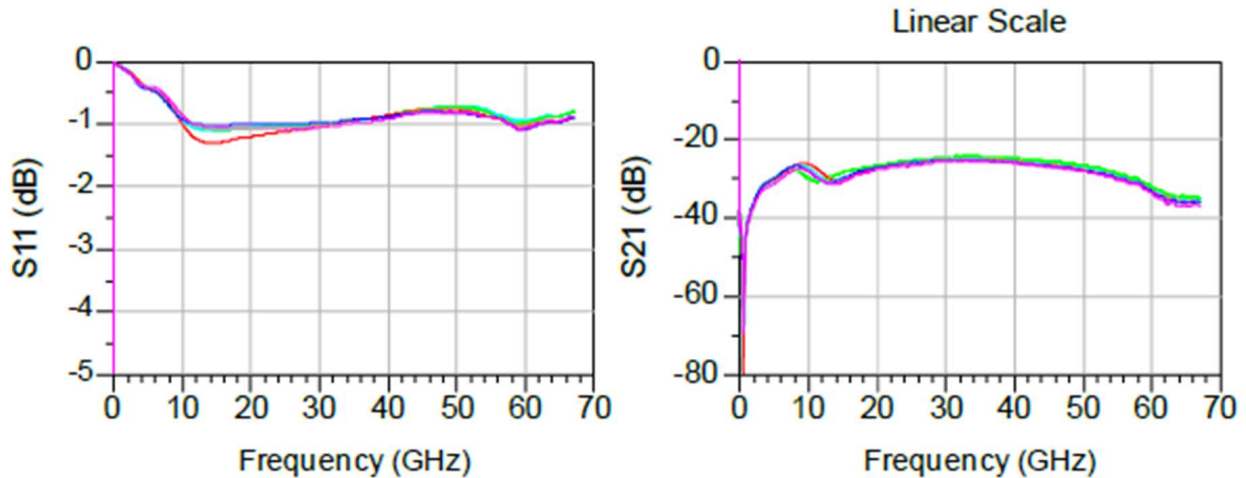
50% SMALLER FOOTPRINT

10 nF + 100 pF

IN ONE PACKAGE

70 GHz+

BROADBAND



FEATURES

- 10 nF + 100 pF integrated in a single package
- 0.020" x 0.020" footprint – 50% smaller
- Ultrastable broadband bypass performance
- Y5V dielectric
- Gold thickness: 200 uinch minimum
- Easy to wirebond
- Epoxy mounted
- RoHS compliant

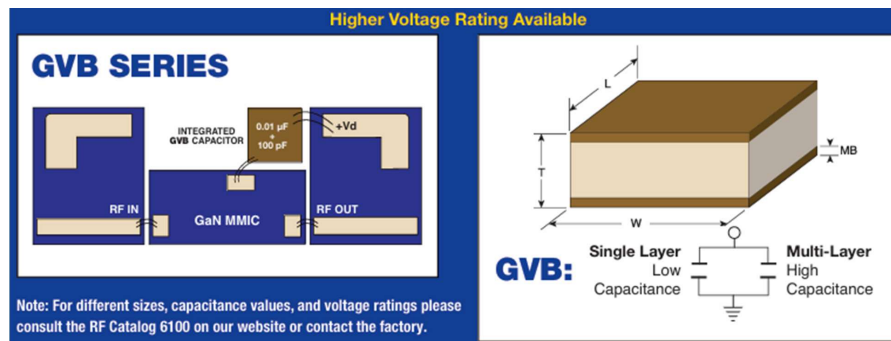
APPLICATIONS

- RF broadband bypassing for GaN MMICs
- High-density, space-constrained RF layouts
- DC blocking
- Coupling
- Filtering
- Hybrid assemblies
- Military & space screening available
- Cryo temperature to high temperature

NEW PART NUMBER

PART NUMBER	L INCH (MM)	W INCH (MM)	T INCH (MM)	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE RATING (DC)
GVB2020Y103Z3H5C1	0.020 (0.51)	0.020 (0.51)	0.015 (0.38)	Y5V	10,000/100 pF	+80/-20%	100V

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



PRESIDIO COMPONENTS, INC.

100% U.S. Made • 100% U.S. Owned • Since 1980
AUGUST 2026

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



PRESIDIO PRODUCT LINES

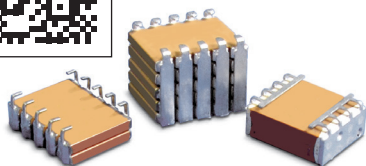
100% U.S. Made, 100% U.S. Owned

PRESIDIO COMPONENTS, INC.

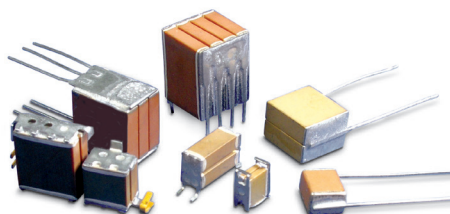
maintains more than 100 million commercial and military parts in inventory. We also offer multitudes of intermediate sizes, voltages, tolerances, termination finishes, lead-frame styles and more.

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.

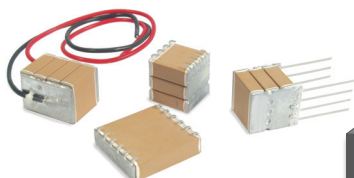
Backed with numerous patents and hundred of years of combined experience, Presidio is well suited to offer a solution to your demanding applications. Please contact our engineering team to discuss your specific needs.



STACKS WITH INTERDIGITATED LEADS



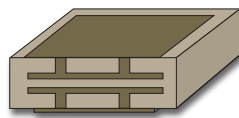
OPTIMIZED STACKED ASSEMBLY



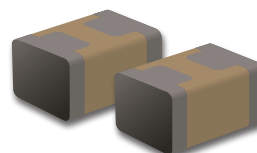
HIGH FREQUENCY
HIGH POWER STACKS



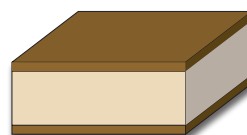
HIGH Q NPO
RF CAPACITORS



SMALLEST & BEST IN CLASS
WIREBONDABLE
SINGLE LAYER



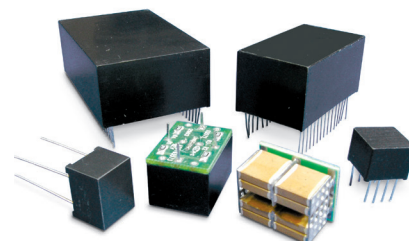
SMD BROADBAND DC BLOCK
BB SERIES



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



'S' LEAD STACKS



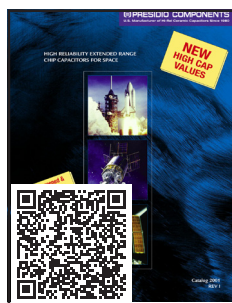
ENCAPSULATED STACKS

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



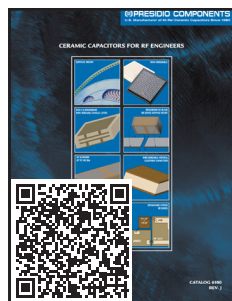
CERAMIC STACKED
CAPACITORS
FOR SMPS



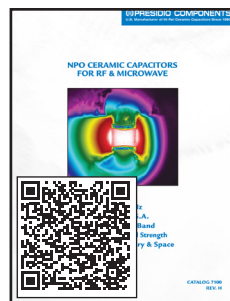
HIGH TEMPERATURE
CERAMIC
CAPACITORS



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.



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