



NEW MVB SERIES VALUES

WIREBONDABLE BROADBAND BYPASS CAPACITORS

UP TO 1 μ F

GaAs & InP MMIC • SiGe BCIMOS • RF CMOS

Part Numbers	L inch (mm)	W inch (mm)	T inch (mm)	Dielectric	Capacitance	Tolerance	Voltage Rating (DC)
MVB4080Y474ZEH5C1	0.042 (1.07)	0.083 (2.11)	0.017 (0.43)	Y5V	0.47 μ F	+80/-20%	10V
MVB4080Y105ZEH5C1	0.042 (1.07)	0.083 (2.11)	0.025 (0.635)	Y5V	1 μ F	+80/-20%	10V

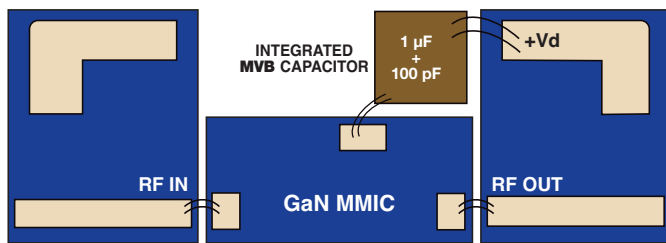
FEATURES:

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

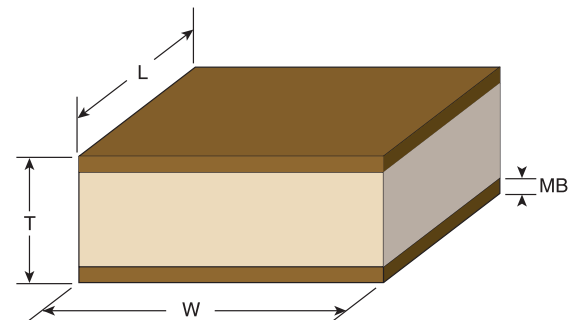
APPLICATIONS:

- RF Broadband Bypassing
- DC Blocking
- Coupling
- Filtering
- Hybrid
- Military & Space Screening Available
- Hundreds of Years of Space Heritage
- Cryo Temperature to High Temperature

MVB SERIES



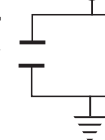
Note: For different sizes, capacitance values, and voltage ratings please consult the RF Catalog 6100 on our website or contact the factory.



MVB:

Single Layer
Low
Capacitance

Multi-Layer
High
Capacitance





PRESIDIO PRODUCT LINES

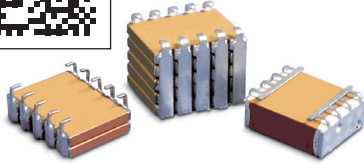
100% U.S. Made, 100% U.S. Owned

PRESIDIO COMPONENTS, INC.

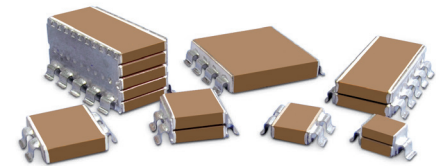
maintains more than 100 million commercial and military parts in inventory. We also offer multitudes of intermediate sizes, voltages, tolerances, termination finishes, lead-frame styles and more.

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.

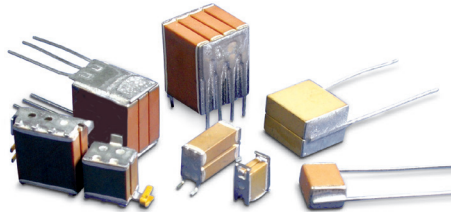
Backed with numerous patents and hundred of years of combined experience, Presidio is well suited to offer a solution to your demanding applications. Please contact our engineering team to discuss your specific needs.



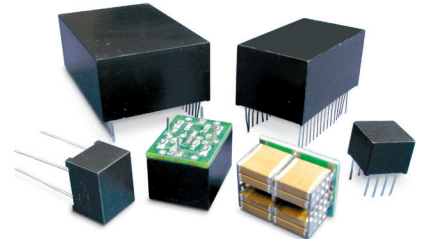
STACKS WITH INTERDIGITATED LEADS



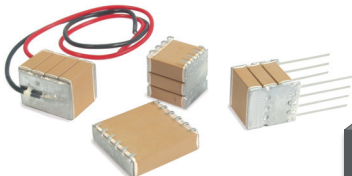
'S' LEAD STACKS



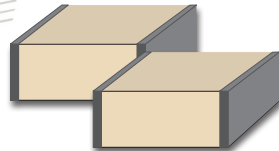
OPTIMIZED STACKED ASSEMBLY



ENCAPSULATED STACKS



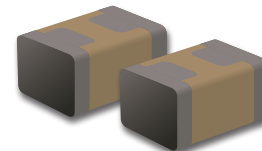
HIGH FREQUENCY HIGH POWER STACKS



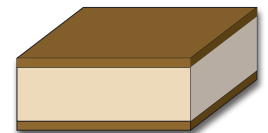
HIGH Q NPO RF CAPACITORS



SMALLEST & BEST IN CLASS WIREBONDABLE SINGLE LAYER



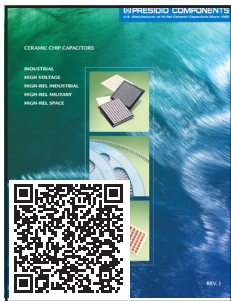
SMD BROADBAND DC BLOCK BB SERIES



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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