

Buried Single Layer™ Capacitors Available Testing

Presidio Components' quality system is ISO 9001 compliant and approved to Mil-I-45208 and Mil-Std-790.

Code Description

Industrial Rating, 65°C Continuous Operating Temperature

- L **Electrical:** 100% capacitance and dissipation factor (DF), AQL Level II 1% per ANSI/ASQ Z1.4 for insulation resistance (IR) and dielectric withstanding voltage (DWV)
Visual: 100%, as per Mil-Std-883, Method 2032
Can be upgraded to test code H as per Mil-PRF-38534

Military Rating, 85°C Continuous Operating Temperature

- M Electrical and visual testing same as L code
Can be upgraded to test codes H and K as per Mil-PRF-38534, and as per Mil-PRF-49464/B, Group A and B testing @ 125°C

Space/Military Rating, 100°C Continuous Operating Temperature

- N Electrical and visual testing same as L code except 100% insulation resistance and dielectric withstanding voltage
Can be upgraded to test codes H and K as per Mil-PRF-38534, and as per Mil-PRF-49464/B, Group A and B testing

MIL-PRF-38534E

- H **Class H** element evaluation (electrical, visual, wire bond)
K **Class K** element evaluation (electrical*, visual, temperature cycling, voltage conditioning, constant acceleration, wire bond)

High Reliability Testing as per Mil-C-49464A/B

Modified Moisture Resistance Test not Included

- A **Group A**, subgroups 1,2,3,4 (100% thermal shock and voltage conditioning, visual mechanical, bond & die shear, temperature coefficient)
B **Group B**, subgroups 1,2,3,4 (temperature coefficient and immersion, resistance to soldering heat, humidity, steady state, low voltage, 2000 hours life test)
D **Special Instructions or as per Customer Source Control Drawing**

- * **Note:** Includes 100% testing: Capacitance, Dissipation Factor, Insulation Resistance and Dielectric Withstanding Voltage



PRESIDIO COMPONENTS, INC.

7169 Construction Court, San Diego, CA 92121 USA • Tel: 858-578-9390 • Fax: 800-538-3880 or 858-578-6225
Web: www.presidiocomponents.com • Email: info@presidiocomponents.com