



# PRESIDIO COMPONENTS, INC.

Manufacturer of High-Rel Ceramic Capacitors Since 1980

## MILITARY & SPACE QUALIFICATIONS

| NASA SPEC  | DESCRIPTION   |
|--|---|
| <b>S311-P-829</b><br>Most Popular chip series for space, many parts within 4 weeks | <b>SMD Chips</b> 0402 to 2225 – 5V to 100V – <b>TOR Compliant</b> (0402 - 0.1µF - 10V), (0805 - 1µF - 10V), (1812 - 4.7µF - 10V)<br>Includes reverse geometry for low inductance chips<br>Toughest standard screening available |

| MIL SPECS               | DESCRIPTION  |
|-------------------------|--|
| MIL-PRF-55681-‘S’ Level | SMD 0805 TO 2225 – 50V and 100V<br>CDR01, CDR02, CDR03, CDR04, CDR05, CDR06, CDR31, CDR32, CDR33, CDR34, CDR35<br><b>CDR 11 &amp; 12 (0505) – CDR 13 &amp; 14 (1010) 50V to 500V</b> |
| MIL-PRF-123             | <b>SMD Chips</b> 0805 to 2225 – 50V and 100V – <b>TOR Compliant</b><br>CKS51, CKS52, CKS53, CKS54, CKS55, CKS56, CKS57   |
| MIL-PRF-32535           | <b>SMD Chips</b> 0201 to 2220 – 4V to 200V – Qualified 0201 0.01µF, 0402 0.1µF up to 0805  |
| MIL-PRF-49467           | Radial Lead up to 5000V – <b>TOR Compliant</b>   |
| MIL-PRF-49470           | <b>SMPS Ceramic Stack</b> 25V to 500V – <b>TOR Compliant</b>   |

| DLA DRAWINGS                 | DESCRIPTION  | DLA DRAWINGS | DESCRIPTION                  |
|------------------------------|--|--------------|------------------------------|
| <b>06019</b><br><b>06022</b> | 0505 and 1010 RF for Space:<br>Equivalent to CDR 11, 12, 13 & 14 but with a higher screening level | 87046        | Radial Leads NPO - 1000V     |
| 03028                        | SMD - 0603   | 87114        | Radial Leads NPO - 3000V     |
| 03029                        | SMD - 0402   | 87076        | Radial Leads NPO - 4000V     |
| 05001                        | SMD - 0805 RF  | 87077        | Radial Leads NPO - 5000V     |
| 05002                        | SMD - 0603 RF  | 87043        | Radial Leads X7R - 1000V     |
| 05003                        | SMD - 0402 RF  | 87040        | Radial Leads X7R - 2000V     |
| 05006                        | SMD - 0805 - Extended Range  | 87047        | Radial Leads X7R - 3000V     |
| 05007                        | SMD - 1206 - Extended Range  | 89044        | Radial Leads X7R - 4000V     |
| 91019                        | SMD - 2220 - 25V and 50V   | 87070        | Radial Leads X7R - 5000V     |
| 14004                        | SMD - 0306 - Thin Low Inductance Chips   | 87081        | Radial Leads X7R - 10,000V   |
| 14005                        | SMD - 0508 - Thin Low Inductance Chips   | 88011        | SMPS Stack NPO - 25V to 500V |

| QUALITY SYSTEM | DESCRIPTION  |
|----------------|--|
| MIL-STD-790G   | Established Reliability and High Reliability Qualified Products List (QPL) Systems for Electronic Parts Specifications |