



PRESIDIO COMPONENTS, INC.

Manufacturer of High-Rel Ceramic Capacitors Since 1980

MILITARY & SPACE QUALIFICATIONS

NASA SPEC	DESCRIPTION
S311-P-829 Most Popular chip series for space, many parts within 4 weeks	SMD Chips 0402 to 2225 – 5V to 100V – TOR Compliant (0402 - 0.1µF - 10V), (0805 - 1µF - 10V), (1812 - 4.7µF - 10V) Includes reverse geometry for low inductance chips Toughest standard screening available
MIL SPECS	DESCRIPTION
MIL-PRF-55681-‘S’ Level	SMD 0805 TO 2225 – 50V and 100V CDR01, CDR02, CDR03, CDR04, CDR05, CDR06, CDR31, CDR32, CDR33, CDR34, CDR35 CDR 11 & 12 (0505) – CDR 13 & 14 (1010) 50V to 500V
MIL-PRF-123	SMD Chips 0805 to 2225 – 50V and 100V – TOR Compliant CKS51, CKS52, CKS53, CKS54, CKS55, CKS56, CKS57
MIL-PRF-32535	SMD Chips 0201 to 2220 – 4V to 200V – Qualified 0201 0.01µF, 0402 0.1µF up to 0805
MIL-PRF-49467	Radial Lead up to 5000V – TOR Compliant
MIL-PRF-49470	SMPS Ceramic Stack 25V to 500V – TOR Compliant

DLA DRAWINGS	DESCRIPTION	DLA DRAWINGS	DESCRIPTION
06019 06022	0505 and 1010 RF for Space: 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

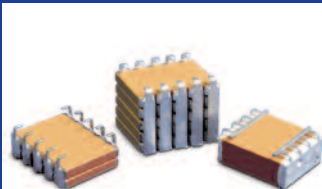
HIGH RELIABILITY CERAMIC CAPACITORS



HIGH VIBRATION
'S' LEADS



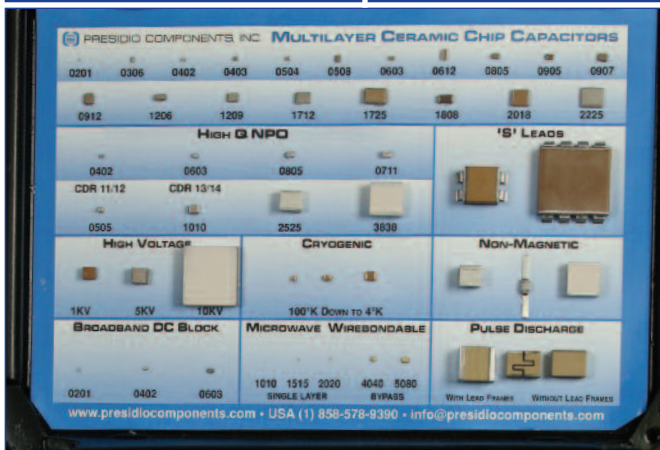
ENCAPSULATED



CUSTOM LEADS



HIGH TEMP
DOWNHOLE OIL

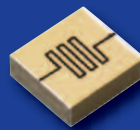


10V to 10+kV in Multiple Dielectrics
X7R, BX, N2200, NPO

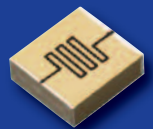
Chips, Stacks, & Radial Ledged for
Applications up to 500+°C

Lead Frames for
Board Flex Compliance

Stacked Capacitors for
Increased Energy Density



Pulse Capacitors
with Bleed Resistors



Qualified Military and Space Supplier

MIL-PRF-123, -49467, -49470, -55681, -32535

MIL-STD-202 and MIL-STD-790

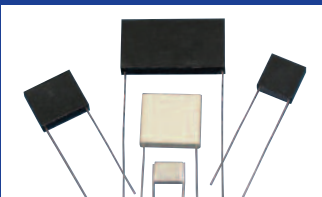
NASA S311-P-829 is Part of EPPL2



CUSTOM STACKED
CUSTOM ASSEMBLY



SPECIAL SHAPES
AND SIZES



HIGH TEMP HIGH VOLTAGE
RADIAL LEADS



HIGH FREQUENCY
HIGH POWER