



PRESIDIO COMPONENTS, INC.

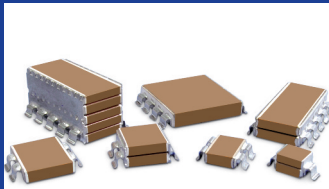
U.S. Manufacturer of Hi-Rel Ceramic Capacitors Since 1980

MILITARY & SPACE QUALIFICATIONS

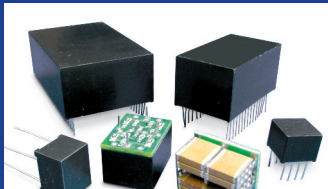
NASA SPEC	DESCRIPTION
S311-P-829 Most Popular chip series for space, many parts within 4 weeks	SMD Chips 0402 to 2225 – 5V to 100V – TOR Compliant (0402 - 0.1µF - 10V), (0805 - 1µF - 10V), (1812 - 4.7µF - 10V) Includes reverse geometry for low inductance chips Toughest standard screening available
MIL 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 - 5000V
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	87044	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

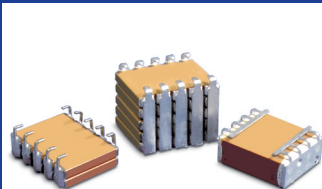
HIGH RELIABILITY CERAMIC CAPACITORS



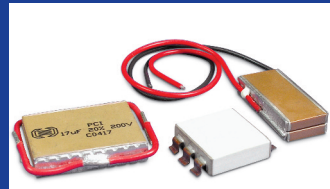
HIGH VIBRATION
'S' LEADS



ENCAPSULATED



CUSTOM LEADS



HIGH TEMP
DOWNHOLE OIL

100% U.S. MADE • 100% U.S. OWNED

PRESIDIO COMPONENTS, INC. HIGH-RELIABILITY CERAMIC CHIP CAPACITORS

0201	0306	0402	0403	0504	0508	0603	0612	0805	0905	0907
0912	1206	1209	1712	1725	1808	2018	2225			

HIGH Q NPO - LOW ESR - "PORCELAIN CAP"

0402	0603	0805	0711
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CDR 13/12 CDR 13/14

SMD BROADBAND DC BLOCK (BB)

0201	0302	0402
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MICROWAVE WIREBONDABLE

1010	2040	3030	
1515	2020	4040	5080

CRYOGENIC CRX

0405	1200	2225
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100°K DOWN TO 4°K AND LOWER

PULSE DISCHARGE

NON-MAGNETIC

1KV 5KV 10KV

www.presidiocomponents.com • USA +1-858-578-9390 • info@presidiocomponents.com

MIL-PRF-49470 CERAMIC STACKED CAPACITORS

CASE CODE	CASE CODE	CASE CODE	INTERMEDIATE SIZES	CASE CODE	CASE CODE
6	2	3		4	5

"N" STYLE
"J" STYLE
"L" STYLE

POTTED

VERTICAL STACKS

OTHER STACKS

HV RADIAL LEADED (50+KV)

SOFT LEADS

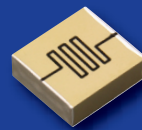
HIGH TEMPERATURE OPTION AVAILABLE TO 500+°C

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

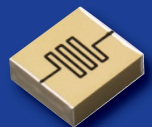
Chips, Stacks, & Radial Leaded for
Applications up to 500+°C

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 & MIL-STD-790 • CAGE CODE: 60212
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