

KEMET Military Products

KEMET Product Options

Flight Surface Controllers:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- Mil-PRF-49470 (DSCC 87106 Stacks)
 - Bulk Decoupling
- High Temperature/ High Voltage Ceramic Capacitors.
 - Lighting Strike Protection
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling
- M39003 (Herm Seal)
 - Bulk Decoupling
- Large Films (600V, Electronic Concepts)

Sensors:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

Avionics:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- Mil-PRF-49470 (DSCC 87106 Stacks)
 - Bulk Decoupling
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

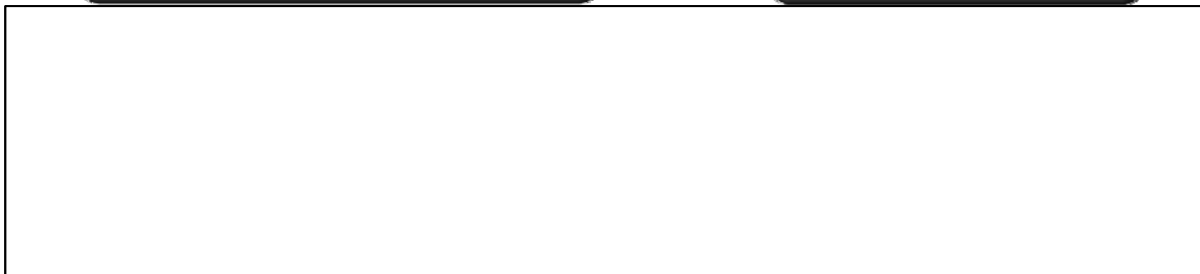
Benefits & Features

- KEMET serves all major Military Aerospace suppliers for 40+ years
- KEMET's Military Aerospace portfolio includes Ceramics, Tantalum, Electrolytics and Film capacitors; surface mount and through hole.
- Recent acquisitions of Evox Rifa and Arcotronics broadens our product portfolio for the Military Aerospace industry.

KEMET Defense & Aerospace Products

Tantalum	Ceramic
MIL-PRF-39003	MIL-PRF-123
GR 500	GR900
MIL-PRF-49137	MIL-PRF-55681
MIL-PRF-55365	MIL-PRF-39014
MIL-PRF-39006	MIL-PRF-20
Tantalum COTS	MIL-C-11015
Ta Space Grade	MIL-PRF-49470
DSCC 95158	DSCC 03029
DSCC 04051	DSCC 03028
DSCC 04052	Stacks
DSCC 04053	

43 Total Slash Sheets and over 10,000 different part numbers.
KEMET MIL-PRF Position is the "Strongest in the World"



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Weapon Systems:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
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- M39003 (Herm Seal)
 - Bulk Decoupling
- Large Films (600V, Electronic Concepts)

Engine Controllers:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling
- Mil-PRF-49470 (DSCC 87106 Stacks)
 - Bulk Decoupling
- M39003 (Herm Seal)
 - Bulk Decoupling

Radar:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

Guidance GPS & Gyro:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

Satellite Uplink & Communications:

- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

Benefits & Features

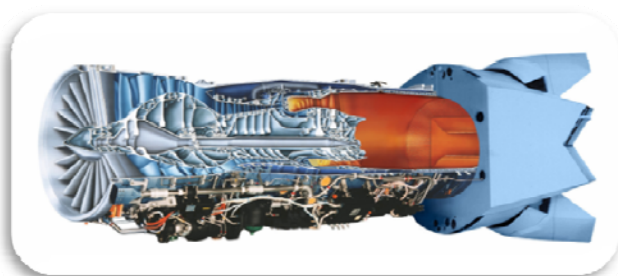
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GR 500	GR900
MIL-PRF-49137	MIL-PRF-55681
MIL-PRF-55365	MIL-PRF-39014
MIL-PRF-39006	MIL-PRF-20
Tantalum COTS	MIL-C-11015
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Power Distribution:

- M39003 (Herm Seal)
 - Bulk Decoupling
- Mil-PRF-49470 (DSCC 87106 Stacks)
 - Bulk Decoupling
- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling

AC-Input Power Supplies, Power Generators & Aircraft Ground Power Units

- Metallized film X and Y capacitors
- Metallized paper X and Y capacitors
- Screw-terminal and snap-in electrolytic capacitors
- Polypropylene film power capacitors
- MLCC (X7R, C0G, CDRs, M123s, GR900s and COTS)
 - High CV
 - Signal
- SMT Tantalum (TaMnO₂, CWRs, KOs and COTS)
 - Bulk Decoupling
- Mil-PRF-49470 (DSCC 87106 Stacks)
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