



Transportation Automotive



www.richardsonrfpd.com

800.737.6937 | 630.208.2700

Why Buy From KEMET?

KEMET is your seamless, integrated, single source for capacitance solutions worldwide. With 95% of possible dielectric solutions, global availability, on-time delivery, plus full custom design services. One world. One source. One KEMET.

Features & Benefits

- ISO/TS 16949:2002 plant-level certification
- AEC Q200 part level qualifications
- PPAP availability

Customer Questions

- Who are your end customers?
- Can you use “commercial grade” for any applications?
- Is this a safety application?
- Do you have any customer-specific requirements (CSRs)?
- Is AEC Q200 testing required?
- Do you need a PPAP?
- Are you familiar with KEMET’s “AUTO” specification?

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- Electronic engine control
- Drive train and transmission control
- Multimedia (radio, DVD, GPS)
- Safety (air bag, antilock braking systems, tire pressure monitoring)
- Driver convenience (remote keyless entry, climate control, lighting)
- Electric drive system

KEMET Products & Competition

KEMET Series	Form	Max. Voltage	Max. Capacitance	Max. Temperature	Competition
Tantalum					
T491	Surface mount	50V	1000 µF	125°C	AVX, Vishay, Nichicon
T494	Surface mount	50V	1000 µF	125°C	AVX, Vishay, Nichicon
T495	Surface mount	50V	1000 µF	125°C	AVX, Vishay, Nichicon
T498	Surface mount	50V	220 µF	150°C	AVX
T499	Surface mount	50V	220 µF	175°C	AVX
T520	Surface mount	25V	1000 µF	105°C	AVX (Sanyo–Non-AUTO)
T525	Surface mount	16V	680 µF	125°C	AVX (Sanyo–Non-AUTO)
T356	Radial through-hole	50V	680 µF	125°C	Vishay, Panasonic
Multilayer Ceramic					
Goldmax	Radial through-hole	200V	4.7 µF	125°C	AVX, Vishay
Aximax	Axial through-hole	200V	0.68 µF	125°C	AVX, Vishay
0402–2225 C0G	Surface mount	200V	0.47 µF	125°C	Murata, TDK
0402–1812 Ultra-Stable X8R	Surface mount	100V	0.22 µF	150°C	
0402–1210 X8L	Surface mount	50V	10 µF	150°C	Murata, TDK
0402–2225 X7R	Surface mount	200V	22 µF	125°C	Murata, TDK
0402–2225 X5R	Surface mount	50V	4.7 µF	85°C	Murata, TDK
Flex Mitigation	Please refer to separate sales aides on these products.				
Film					
Surface Mount	Surface mount	1000V	15 µF	125°C	AVX, Panasonic
Through-Hole	Radial through-hole	3000V	220 µF	150°C	Vishay, TDK-EPC, WIMA
DC Link & Power Capacitors	AUTO solutions are customized. Please contact your local KEMET representative.				
Aluminum					
Polymer	Surface mount	16V	470 µF	125°C	Panasonic (non-AUTO)
Axial	Axial through-hole	63V	6300 µF	150°C	TDK-EPC, UCC
DC Link	AUTO solutions are customized. Please contact your local KEMET representative.				
Screw Terminal & Snap-in	AUTO solutions are customized. Please contact your local KEMET representative.				
Specialty & Custom Solutions					
Available upon request. Please contact your local KEMET representative.					