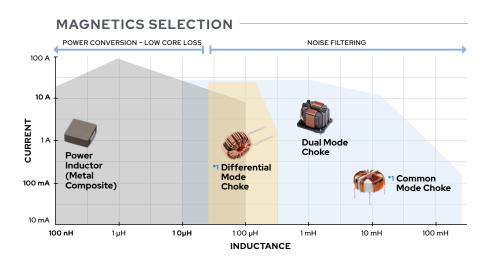
PPAP SUPPORT ISO 9001 IATF 16949

For decades, KEMET has enabled safer, more efficient, and smarter vehicles. We offer a wide range of products for the automotive industry.

KEMET provides automotive grade components that are designed with safer failure mechanisms and qualified to industry standards, such as AEC-Q200 and VW AUDI 80808. Our parts have been proven on the road and in the lab. We have an extensive track record of reliability. Our automotive grade products are verified to work under harsh temperatures ranging from -50°C to 175°C.

For our complete offering of automotive solutions, visit us at www.kemet.com

CAPACITOR SELECTION 10 KV 1 KV 10 V 10



Additional Resources

Research Parts

Search for parts, view availability, RoHS documentation, or order a sample with <u>ComponentEdge</u>.

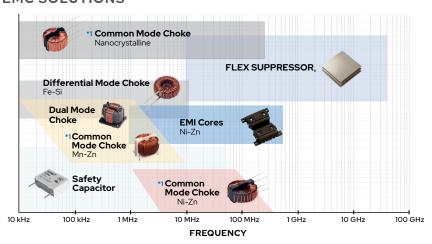
Design It

Test and analyze the performance of passive electronic components with KEMET's simulation tool, <u>K-SIM</u>.

Learn More

Learn how to use and design with our products on our <u>Engineering Center</u>.

EMC SOLUTIONS



PRODUCT	SERIES	HIGHLIGHTS	PRODUCT
Aluminum	PEG EEV PEH2xx EXV PHA ALA EDT ALA EDH ALA EDK ALA	High vibration options Up to 165°C High current	KO-CAP Polymer
Hybrid	РНА	125°C, low ESR, higher ripple than axial, lower leakage than Polymer	•
Alumin Polym		Ultra low impedance, up to 2K hours at 125°C, high ripple capability, anti-vibration for 10mm	PRODUCT
PRODUCT	SERIES	HIGHLIGHTS	MnO ₂
Film	R76H F863 C4E F862-V054	Harsh Environment: F862-V054, F863, R41T, R75H, R76H	S.S. B.
*	LDE P295 JSN	High Temperature: R75H, R76H, JSN, LDE, R8x	PRODUCT
	C4AF C4AQ F5B	SMD Available: LDE, JSN, F161, P295	Power Inductor
	R41T R6x R75H	High Ripple Current	836C
	R8x SMR F161	Self Healing	PRODUCT
PRODUCT	SERIES HIGHL	IGHTS	Magnetic
Ceramic	SMD High ter Auto COG U2J VW808 X7R Arc-shie X8R X8L KC-LINI applicat KONNE Flex Ter	d and High voltage 6.3V to 3kV COG and X7R mperature up to 150C X8R & X8L ted X7R and COG (HBM - AEC Q200-002) 08 X7R Specification (High current applications) and X7R (Patented internal arc protection) KTM COG (Fast switching semiconductor ions) KT High Density Packaging, Flex Mitigation: mination COG, U2J, X7R, X8R, X8L, lode X7R, Floating Electrode X7R	
	Type: Axial & Radia Aximax 400 a Goldmax 300: COG, X7R, X8R, X8L	nd microphonic noise reduction,	
Type: KPS KPS SMD Auto: X7R X8L		Higher capacitance in the same o: footprint, potential board space savings, advanced protection against thermal and mechanical stress, provides up to 10mm flex capability,	PRODUCT
		reduces audible and microphonic noise, non-polar device	Transien
	Type: ARRAY Array Auto: COG X7R	Flex mitigation, saves both circuit board and inventory space, reduces placement costs and increases throughout	Protection

increases throughput

PRODUCT	SERIES	півпі	LIGHTS		
KO-CAP Polymer	T598	125°C		High volumetric efficiency, stable capacitance with	
N. E. E. E.	T597	Small Case temperature, volume 125°C temperature, volume and frequency,		temperature, voltage	
	T599	150°C 125°C	,	and low ESR	
PRODUCT	SERIES	HIGHI	LIGHTS		
Tantalum MnO ₂	T489	Low D	CL, 125°C		
8000	T491/5	125°C		High volumetric efficiency,	
1	T498	15000		extended lifetime	
	T499	175°C			
PRODUCT	SERIES	HIG	HLIGHTS		
Power Inductor	MPLCV MPCV MPXV	High	al composit n current, Lo 5°C operatin		
PRODUCT	SERIES		HIGHLIG	HTS	
Magnetics	Differentia Mode Cho HHBC PHBC		High perfo Miniaturiza Customiza		
	Common Mode Cho SC SCR SC-D SCF	okes	High perfo Miniaturiza Customiza		
	EMI Cores	xxHL	High frequessic Suppressic Easy to att		
	FLEX SUPPI FF1 EFF4	RESSOR。	Effective > wave and Thin, flex	ppression MHz to GHz band of for electromagnetic d resonance suppression iible countermeasures use, in even tightest spaces	
	Ferrite tile	es	High perform Power Transf	errite material technology ance for Wireless er (WPT) ng frequency range	
PRODUCT	SERIES		HIGHLIGH	ITS	
Transient	ESD MLC	С	ESD, VW8	0808	

Varistors circuit protection

VA, VC, VE VK, VM, VG

SERIES

HIGHLIGHTS