



Lighting

LED Solutions for E27 and MR16 Socket



Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

Features & Benefits

- Target applications compatible with E27 or MR16 (halogen) light sockets
- Full line of multilayer ceramic, tantalum, tantalum polymer, aluminum polymer and film capacitance solutions
- Standard, optimized and custom designs available
- Decades of experience in lighting, industrial and automotive applications
- UL, CECC and ENEC approvals

Product Checklist

- What are the environmental conditions such as input voltage, temperature requirements and size requirements?
- Which LED type(s) are used? What is the targeted output voltage and current?
- When does the design-in window close?
- When is the estimated production start date?
- What is the expected annual volume?
- Who will produce the design? Which EMS (if applicable)?
- Are there any special requirements?

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

Programs Supported

- EMI filters
- Output capacitors
- Pulse-width modulation (PWM)

KEMET Products

Product Family	KEMET Series	Form
EMI Filter		
Standard Film	C1 (X2): R46, PHE840	Box type,
X & Y Capacitors	C2/C3 (Y2): PHE850, R41	Wire terminals
Output Capacitor-C4/Pulse-Width Modulation (PWM)		
Standard Film	F611-612, F622	Radial type, Wire terminals
Standard Film	LDE	Surface mount
Tantalum MnO2	T491, T494, T495	Surface mount
Tantalum Polymer	T520, T521, T525, T530	Surface mount
Aluminum Polymer	A700	Surface mount
Multilayer Ceramic	Standard X7R/X5R	Surface mount
Specialty & Custom Solutions		
Available upon request. Please contact your local KEMET representative.		

LED Module

