



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 MnO ₂	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

