

**KEMET Part Number: PME271E510MR30**  
(P277QE103M300A)

Capacitor, film, Metallized Paper, 0.01 uF, +/-20% Tol, -40/+110C, Safety: X1, 300 VAC, Lead Spacing=15.2 mm



**Dimensions (mm)**

Symbol	Dimension	Tolerance
L	18.5	MAX
H	10.5	MAX
T	5.2	MAX
S	15.2	+/-0.4
LL	30	+5
F	0.8	+/-0.05

**Packaging Specifications**

<b>Package Kind:</b>	Bulk
<b>Package Quantity:</b>	500

**General Information**

<b>Supplier:</b>	KEMET
<b>Dielectric:</b>	Metallized Paper
<b>Application:</b>	Safety: X1
<b>Style:</b>	Radial Molded
<b>Lead Form:</b>	Wire Leads
<b>Features:</b>	Pulse
<b>Approvals:</b>	ENEC,UL
<b>RoHS:</b>	Yes

**Specifications**

<b>Capacitance:</b>	0.01 uF
<b>Voltage:</b>	630 VDC
<b>Tolerance:</b>	+/-20%
<b>Voltage AC:</b>	300 VAC
<b>Rated Temperature:</b>	110C
<b>Temperature Range:</b>	-40/+110C
<b>Dissipation Factor @ 1 kHz:</b>	1.3%
<b>Insulation Resistance:</b>	12 GOhm
<b>Maximum dVdT:</b>	1200 v/us
<b>Miscellaneous:</b>	SRF= 16 MHz