

E10 DC Screw LED Lamp:

E10 DC Screw LED Lamp is LED which requires a resistor in series to permit direct connection to DC 12V.

Features:

- 8mm LED
- Water Clear Type
- DC 12V

Applications

- Bicycle Light/Torch
- Dashboard Signal/Automotive Lighting

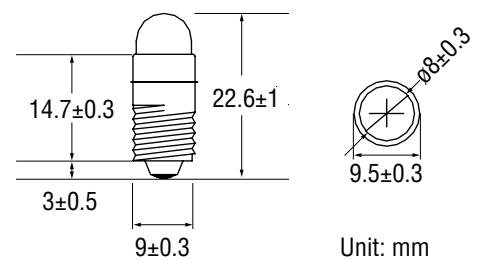
Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	V_F	14	V
Power dissipation	P_D	0.42	W
Operating temperature	T_{opr}	-30 to +85	°C
Storage temperature	T_{stg}	-40 to +100	°C
Lead soldering temperature	T_{sol}	260°C/5sec	-

Circuit diagram:



Outline dimensions:



Electrical - Optical characteristics (Ta=25°C)

Colour	Control Voltage DC (V)	Domi. Wavelength*	Luminous Intensity*
	Working Current: $I_F=20mA$		
	Typ.	Typ.	Typ.
Cool white	6	8000-17000K	8400mcd

*1 Tolerance of measurements of chromaticity coordinate is +10%

*2 Tolerance of measurements of luminous intensity is +15%

*3 Tolerance of measurements of forward voltage is $\pm 0.1V$

*4 Tolerance of measurements of dominant wavelength is +1nm

Directivity:

