

LED - EO2 030



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1. Absolute Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Rating	Unit
Forward direct current	IFM	25	mA
Reverse voltage	VRM	4	V
Operating temperature	Topr	-25 to +75	°C
Storage temperature	Tstg	-25 to +100	°C
Power dissipation	PM	60	mW

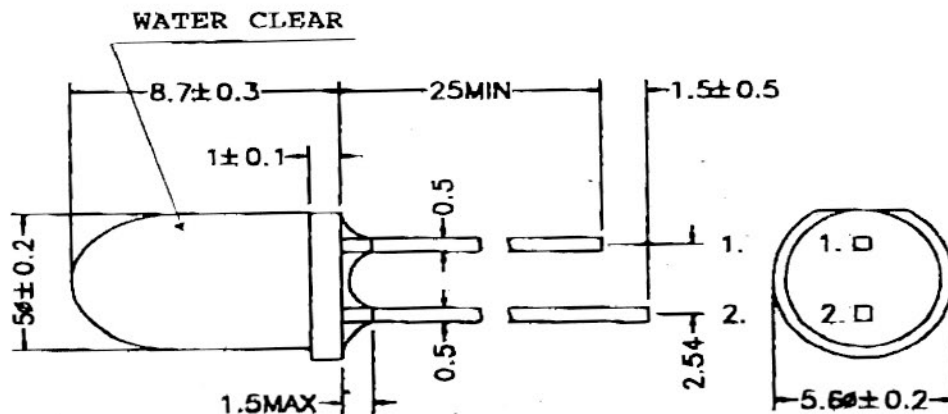
Lead soldering temperature (5mm from body) 260 °C for 5 sec

2. Electro-Optical characteristic (Ta=25°C)

Characteristic	Symbol	Condition	MIN.	TYP.	MAX.	Unit
Luminous intensity	Iv	IF=20mA	4000	7000		mcd
Forward voltage	VF	IF=20mA		2.0	2.4	V
Reverse current	IR	VR=4 V			10	uA
Peak emission wavelength	λp	IF=20mA		590		nm
Dominant wavelength	λd	IF=20mA		589		nm
Spectral line half width	Δλ	IF=20mA		15		nm
Viewing half angle	2θ 1/2	IF=20mA		10		deg

3. Dimensions Unit ; m/m

1. CATHODE
2. ANODE



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