

LO568RGY2-80Q-A

Features

80° x 60° Viewing Angle
5mm Oval Lens
Pure Green and Amber Color
White Diffused Lens
No Stand Offs

Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.		Unit
		TPG	AYL	
Forward Current	I _F	25	50	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	100.00	125.00	mW
Operating Temperature	T _{opr}	-40 ~ +95	-40 ~ +95	°C
Storage Temperature	T _{stg}	-40 ~ +100	-40 ~ +100	°C
Soldering Temperature	T _{sol}	260	260	°C
Soldering Time	-	for 3 sec. max	for 3 sec. max	-

Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min		Typ		Max		Unit
			TPG	AYL	TPG	AYL	TPG	AYL	
Forward Voltage	V _F	I _F =20mA	-	-	3.40	2.00	4.00	2.50	V
Reverse Current	I _R	V _R =5V	-	-	-	-	100	100	μA
Luminous Intensity	I _v	I _F =20mA	-	-	450.00	200.00	-	-	mcd
Viewing Angle	2θ ^{1/2}	-	-	-	80° x 60°	80° x 60°	-	-	deg.
Peak Wavelength	λ _p	I _F =20mA	-	-	522	594	-	-	nm
Dominant Wavelength	λ _d	I _F =20mA	-	-	527	591	-	-	nm
Spectral Line Half Width	Δλ	I _F =20mA	-	-	0	20	-	-	nm

LO568RGY2-80Q-A Graphs

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