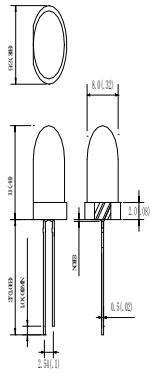
Part Number:8R3UC02

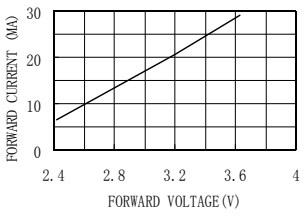


单位：mm

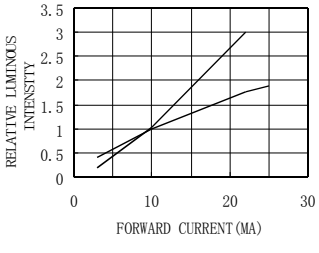
Chip	Material	GaAlInP
	Lens Color	Water clear
	Emitting Color	RED

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION	
Forward Voltage	VF	1.9	2.1	2.3	V	If=20mA	ABSOLUTE MAXIMUM RATINGS:(Ta=25℃)
Peak Wavelength	λP	620	625	630	nm		
Reverse Current	IR			10	μA	VR=5V	OPERATING TEMPERATURE:-40℃ TO 85℃
Power dissipation	Pd		80		mW		
Luminous Intensity	IV	1500	2000	2500	mcd	If=20mA	
Viewing Angle 2Ø 1/2			30				LEAD SOLDERING:260℃FOR 5 SECONDS
Recommend Forward Current	If(Rec)		20		mA		

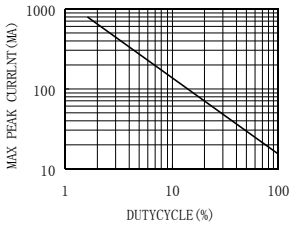
FORWARD CURRENT VS. FORWARD VOLTAGE OTHERS



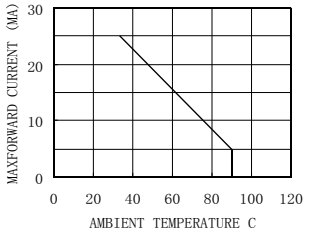
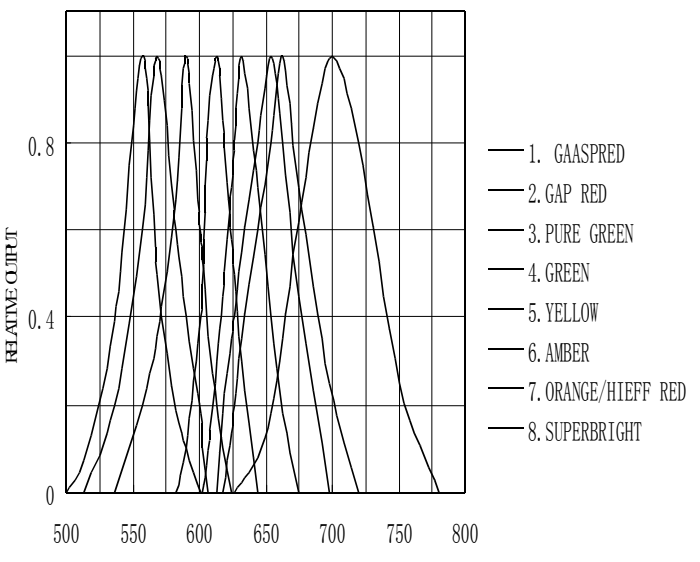
RELATIVE LUMINOUS INTENSITY VS. FORWARD OTHERS



MAX PEAK CURRENT VS. DUTY CYCLE



MAX FORWARD CURRENT VS. TEMPERATURE



SPECTRAL RESPONSE