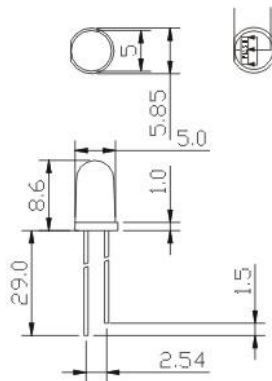


Art.Nr.: 15903

unit: mm

NOTE: TOLERANCE  $\pm 0.3$  mm

Part Number	Chip		
15903	Material	Emitting	$\lambda P$ (nm)
	red: AlGaInP green/blue: InGaN	R/G/B	630/530/470

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION	Viewing Angle $2\theta_{1/2}$	
Forward Voltage	VF	---	3.5	5.0		If=20mA		
Dominant Wavelength	R	$\lambda_p$	620	---	630	nm		
	G	$\lambda_p$	520	---	530			
	B	$\lambda_p$	460	---	470			
Reverse Current	IR			10	$\mu A$	VR=5V		
Power dissipation	Pd		100		mW			
Luminous Intensity	R	IV	1000	---	1500	mcd	IF=20mA	20°
	G	IV	3000	---	4000			20°
	B	IV	1000	---	2000			20°
Flicker Frequency	Hz	---	0.6	---				
Peak Forward Current	IF(Peak)			100	mA			
Recommend Forward Current	IF(Rec)		20		mA			

1.ABSOLUTE MAXIMUM RATINGS: (Ta=25°C)

2.OPERATING TEMPERATURE: -40°C to 80°C

3.LEAD SOLDERING TEMPERATURE: 260° for 3 SECONDS (4mm distance from epoxy)

4.STORAGE HUMIDITY RATE: 60%

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