



## 1. ABSOLUTE MAXIMUM RATING (Ta = 25°C)

ITEM	SYMBOL	RATINGS	UNIT
Forward Current (DC)	IF	100	mA
Forward Current (Pulse)	IFP	1 *1	A
Reverse Voltage	VR	5	V
Power Dissipation	PD	100	mW
Operating Temp.	Topr	-25 to +85	°C
Storage Temp.	Tstg	-30 to +100	°C
Lead Soldering Temp.*2	Tls	260	°C

\*1  $t_w = 10\mu s, t = 10ms$

\*2 Time 5 Sec max, Position: Up to 3mm from the body

## 2. ELECTRICAL & OPTICAL CHARACTERISTICS (Ta = 25°C)

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Power Output	PO		5.6		mW	IF=50mA
Forward Voltage	VF		0.8	1.1	V	IF=50mA
Reverse Current	IR			100	uA	VR=5V
Peak Wavelength	$\lambda_P$		1300		nm	IF=50mA
Spectral Line Half Width	$\Delta\lambda$		70		nm	IfF=50mA
Half Intensity Beam Angle	$\theta$		$\pm 45$		deg.	IF=50mA

To purchase this part contact  
Marktech Optoelectronics at  
**800.984.5337**