

# ◆ SUPER PURE GREEN (AlGaInP/GaAs)

## ABSOLUTE MAXIMUM RATING AT Ta=25°C

Parameter	Symbol	pure green
Power dissipation per dice	$P_{AD}$	70
Continuous forward current per dice	$I_{AF}$	25
Peak current per dice (duty cycle 1/10, 1kHz)	$I_{PF}$	90
Reverse voltage per dice	$V_R$	5
Operating temperature	$T_{OPR}$	-40°C to +105°C
Storage temperature	$T_{STG}$	-40°C to +105°C

## ELECTRICAL – OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic		Symbol	Condition	Min.	Type	Max.	Unit
Forward Voltage		$V_F$	$I_F=20mA$	2.8	3.2	3.6	V
Reverse Current		$I_R$	$V_R=5V$	-	-	1	$\mu A$
Peak Wavelength		$\lambda_p$	$I_F=20mA$	-	517	-	nm
Dominant Wavelength		$\lambda_d$	$I_F=20mA$	500	-	535	nm
Luminous Intensity	Per segment	$I_V$	$I_F=20mA$	160	-	350	mcd
	Per Decimal Point			-	-	-	
Spectrum Radiation Bandwidth		$\Delta\lambda$	$I_F=20mA$	-	30	-	nm