

#### ABSOLUTE MAXIMUM RATINGS

Power Dissipation	Pd	120mW
Continuous Forward Current	IF	30mA
Reverse Voltage	VR	10V
Operating Temperature Range	Topr	-20 to +70°C
Storage Temperature Range	Tstg	-25 to +75°C

#### ELECTRO-OPTICAL CHARACTERISTICS (CHIP) (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V <sub>F</sub>		3.3	3.5	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>			100	μA	V <sub>R</sub> =5V
Dominant Wavelength	λ <sub>d</sub>	465		470	nm	I <sub>F</sub> =20mA
Spectral Line Half Width	Δλ		30		nm	I <sub>F</sub> =20mA

#### ELECTRO-OPTICAL CHARACTERISTICS (ME2113B) (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V <sub>F</sub>		3.3	3.5	V	I <sub>F</sub> =20mA
Reverse Current/Chip	I <sub>R</sub>			100	μA	V <sub>R</sub> =10V
Dominant Wavelength	λ <sub>d</sub>	465		470	nm	I <sub>F</sub> =20mA
Spectral Line Half Width	Δλ		30		nm	I <sub>F</sub> =20mA
Brightness	B	50	80		cd/m <sup>2</sup>	I <sub>F</sub> =20mA

#### CAUTION

Static electricity and surge damages the backlight. It is recommended to use a wrist band or anti-electrostatic glove when handling the backlight. All devices, equipment and machinery must be properly grounded.



