

MICRO ELECTRONICS

ME2113B
**BLUE
SIDE BACKLIGHT
FOR LCD DISPLAY**
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 _F		3.3	3.5	V	I _F =20mA
Reverse Current	I _R			100	μA	V _R =5V
Dominant Wavelength	λ _d	465		470	nm	I _F =20mA
Spectral Line Half Width	Δλ		30		nm	I _F =20mA

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V _F		3.3	3.5	V	I _F =20mA
Reverse Current/Chip	I _R			100	μA	V _R =10V
Dominant Wavelength	λ _d	465		470	nm	I _F =20mA
Spectral Line Half Width	Δλ		30		nm	I _F =20mA
Brightness	B	50	80		cd/m ²	I _F =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.



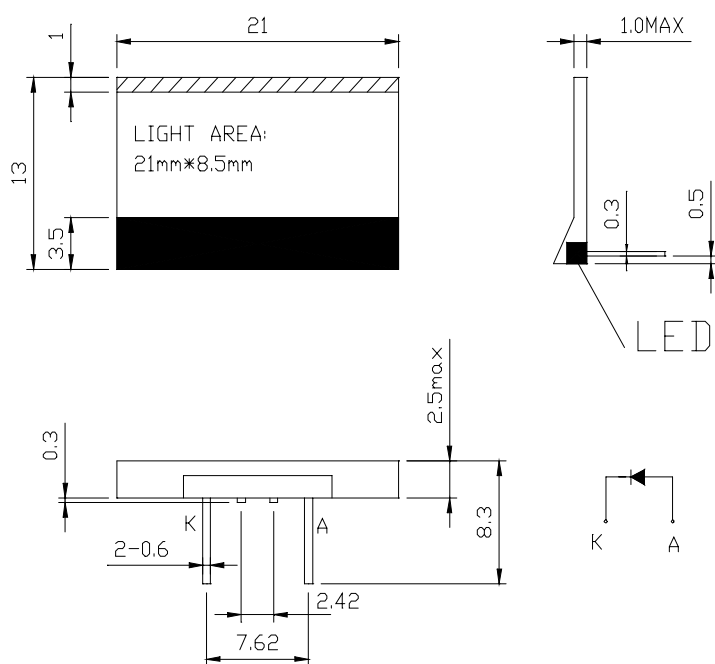
MICRO ELECTRONICS LTD. 美科有限公司
7/F, Enterprise Square Three, 39 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.
TEL: (852) 23430181 FAX: (852) 23410321
HOMEPAGE: <http://www.microelectr.com.hk>

REV : A

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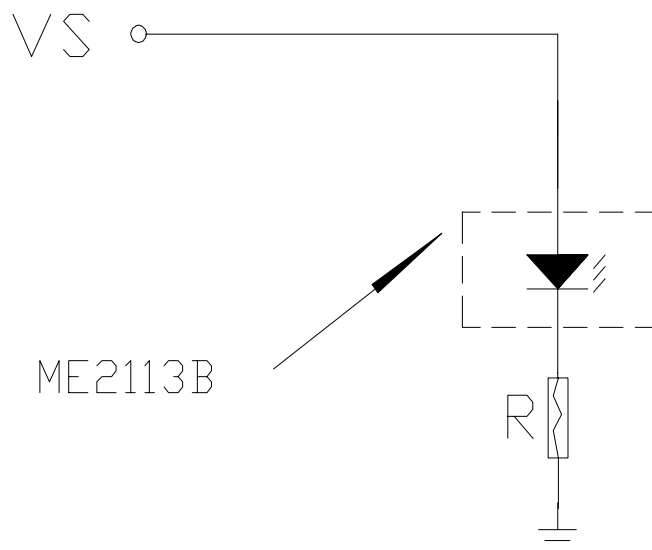
MECHANICAL OUTLINE:



UNIT: mm

TOL : $\pm 0.30\text{mm}$ unless otherwise noted

RECOMMENDED CIRCUIT:



Parallel Connection

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