

MICRO

ELECTRONICS

ME12629B-R

**BLUE
SIDE BACKLIGHT
FOR LCD DISPLAY**

ABSOLUTE MAXIMUM RATINGS

Power Dissipation	Pd	8*120mW
Continuous Forward Current	IF	8*30mA
Reverse Voltage	VR	5V
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		3.2	3.6	V	IF=20mA
Reverse Current	I_R			100	μA	VR=5V
Dominant Wavelength	λ_d	470		475	nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		30		nm	IF=20mA

ELECTRO-OPTICAL CHARACTERISTICS (ME12629B-R) (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Current/Chip	I_F		16		mA	VS=5V DC,R=110 Ω
Reverse Current/Chip	I_R			100	μA	VR=5V
Dominant Wavelength	λ_d	470		475	nm	VS=5V DC,R=110 Ω
Spectral Line Half Width	$\Delta\lambda$		30		nm	VS=5V DC,R=110 Ω
Brightness	B	180	200		cd/m ²	VS=5V DC,R=110 Ω

CAUTION

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



MICRO ELECTRONICS LTD.

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>

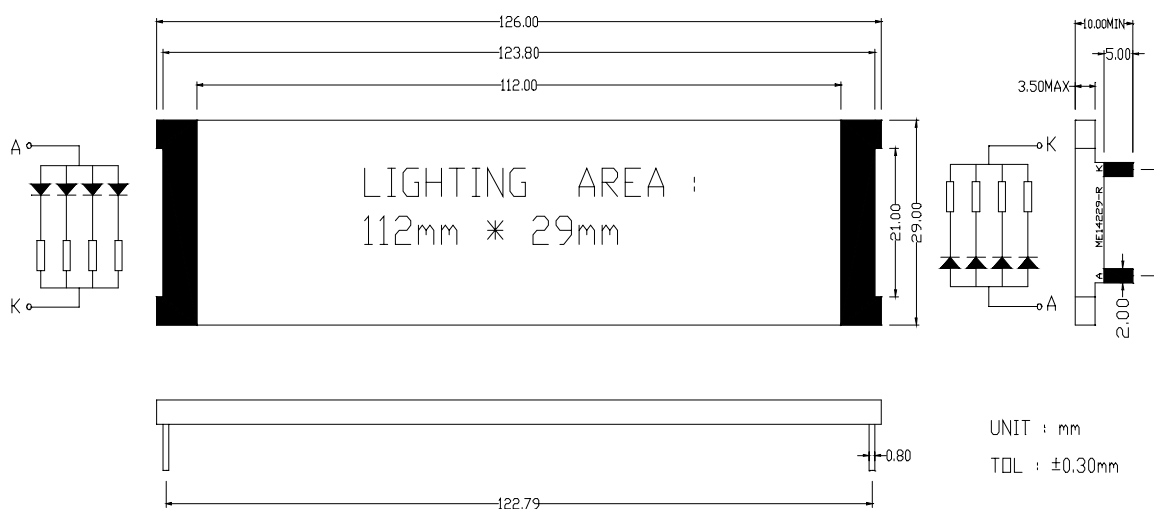
美科有限公司

REV : A

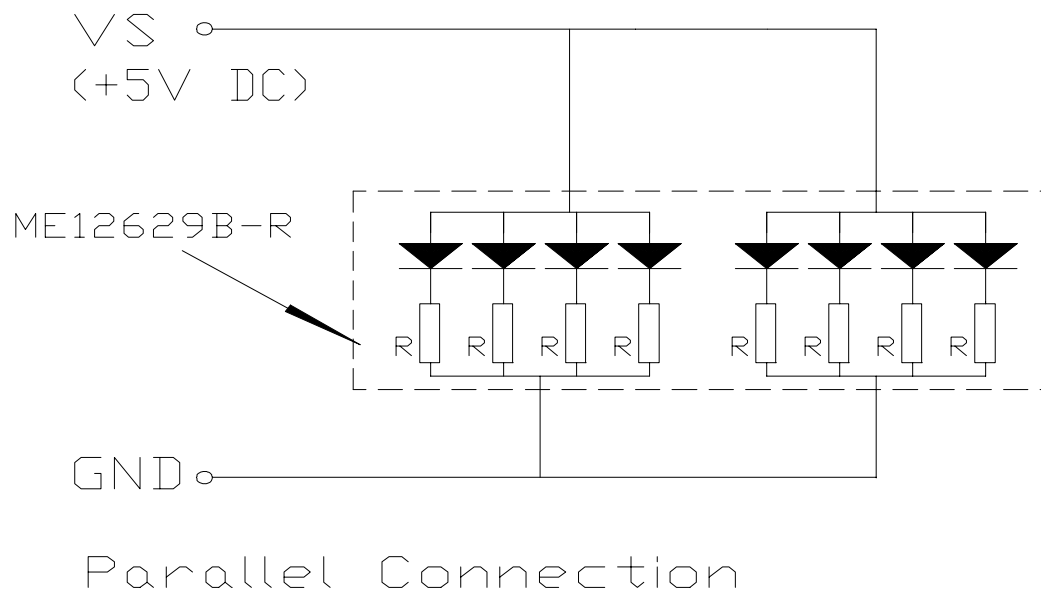
www.DataSheet4U.com

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Mechanical Outline:



Recommended Circuit: (R=110Ω)



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10/5/2006

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