MICRO ELECTRONICS

3291G

LED BACKLIGHT FOR LCD DISPLAY

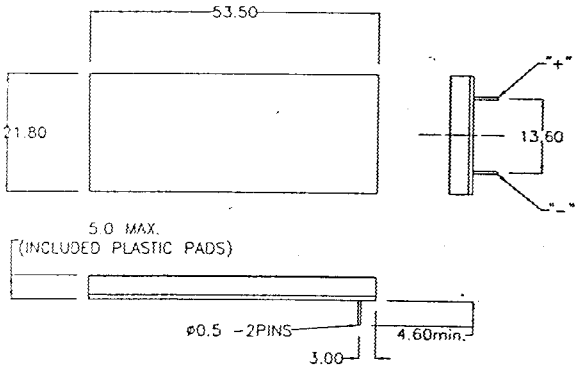
ABSOLUTE MAXIMUM RATINGS

Forward Current	IF	160mA
Reverse Voltage	VR	10V
Operating Temperature	Topr	-20 to +70°C
Storage Temperature	Tstg	-30 to +80°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

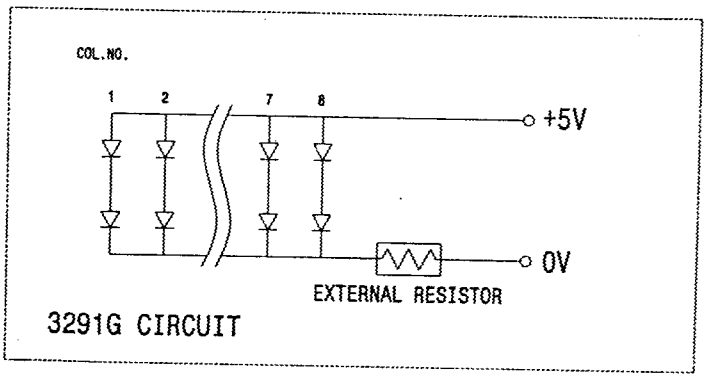
PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF	3.8	4.1	4.4	V	IF=80mA
Reverse Current	IR			80	μA	VR=10V
Peak Wavelength	λρ		565		nm	IF=80mA
Spectral Line Half Width	Δλ		40		nm	IF=80mA
Brightness	B	60			cd/m²	IF=80mA

MECHANICAL OUTLINE



ALL DIMEMSION IN mm
NO SCALE
TOL. +/-0.3mm

CIRCUIT DIAGRAM



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Rev A