



MING OPTICS LTD LED DATA SHEET

PART NO. : MO-400nMC5a

DESCRIPTION

SOURCE MATERIAL _____ AlGaInP
 EMITTING COLOR _____ SUPER PURPLE
 LENS TYPE _____ WATER-CLEAR

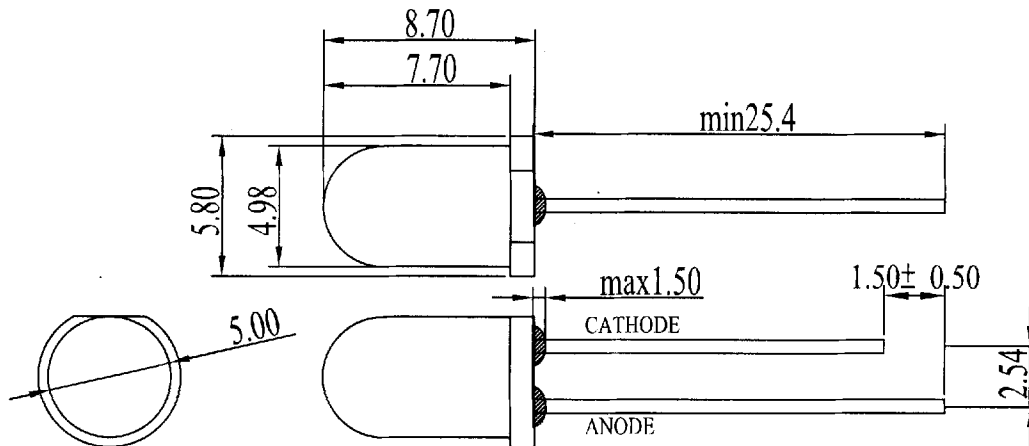
ABSOLUTE MAXIMUM RATING (Ta=25°C)

PULSE CURRENT (1/10 DUTY, 0.1 ms PULSE WIDTH) _____ 80mA
 REVERSE VOLTAGE _____ 5.0V
 OPERATING TEMPERATURE _____ -40°C TO 85°C
 STORAGE TEMPERATURE _____ -40°C TO 100°C
 LEAD SOLDERING TEMPERATURE _____ 260°C FOR 3 SECONDS

CHARACTERISTICS (Ta=25°C)

PARAMETER	CONDITION	SYMBOL	MIN.	TYP.	MAX.	UNIT
POWER DISSIPATION		Pd		72		mW
PEAK EMISSION WAVELENGTH	If=20mA	λP		400		nm
SPECTRUM HALF WIDTH	If=20mA	$\Delta \lambda$		35		nm
FORWARD VOLTAGE	If=20mA	Vf		3.6		V
REVERSE CURRENT	VR=5V	Ir			50	μA
LUMINOUS INTENSITY	If=20mA	Iv	80	100		mcd
VIEWING ANGLE	If=20mA	2 θ 1/2		35		deg

PACKAGE DIMENSIONS:



UNIT:mm

DRAWN	Joy	APPROVED	Huang09/24/2001
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