MICRO ELECTRONICS

MSGBB557TA

HIGH BRIGHTNESS SEVEN COLOR BLINKING LED LAMP

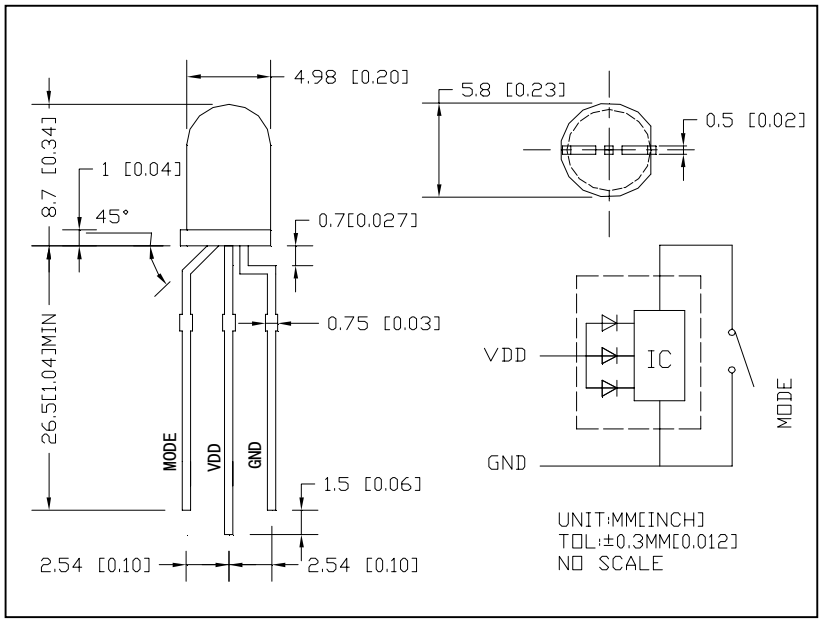
DESCRIPTION

The MSGBB557TA is a 5mm LED with transparent lens having features of single, mix color lighting and blinking.

* One-shot-slow light up and fade then blink

* On/off key -Color change control: R,G,B,RG,GB,RB,RGB.

* Auto start one-shot function when power on.



ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-30 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Operating Voltage		Vopr	2.5	3.2	3.5	V	
Luminous Intensity	RED	IV	200	250		mcd	Vopr=3.2V DC
	GREEN	IV	420	580		mcd	Vopr=3.2V DC
	BLUE	IV	200	280		mcd	Vopr=3.2V DC
Dominant Wavelength	RED	λ_d		660		nm	Vopr=3.2V DC
	GREEN	λ_d	520	525		nm	Vopr=3.2V DC
	BLUE	λ_d	465	470		nm	Vopr=3.2V DC
Static Current		I_{SB}		1	5	μA	Vopr=3.2V DC
Peak Current(1/24 duty cycle)		ICM	10	35		mA	Vopr=3.2V DC
Flashing Rate			0.6	1.0	1.8	Hz	Vopr=3.2V DC
Viewing Angle		2θ 1/2		20		degree	Vopr=3.2V DC

CAUTION

REV:A

*Reverse voltage will damages the LED .

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

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