

DESCRIPTION

MT9Y is a 22mm square LED lamp cluster consists of 9 pieces of ϕ 5mm oval shape ultra high brightness output LED with 3 pcs of red and 6 pcs of green.

These clusters are most suitable for information boards, highway sign boards, traffic lights, subway signal lamps etc.

ABSOLUTE MAXIMUM RATINGS

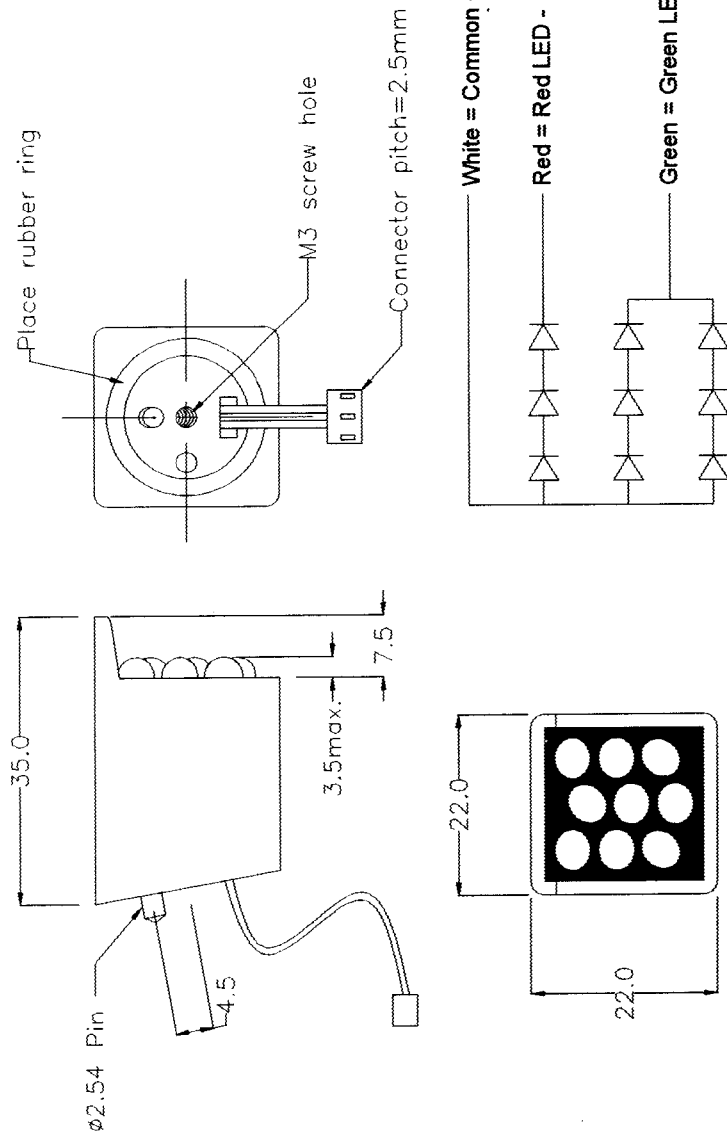
	<u>Red</u>	<u>Green</u>
Power Dissipation @ Ta=25°C	110mW	265mW
Forward Current, DC (IF)	30mA	60mA
Reverse Voltage	15V	15V
Operating Temperature	-40 to +80°C	
Storage Temperature	-50 to +80°C	

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	Red		5.4	7.2	V	IF=20mA
	Green		6.6	9	V	IF=40mA
Reverse Current	Red			100	μ A	VR=15V
	Green			200	μ A	VR=15V
Luminous Intensity	Red	300	600		mcd	IF=20mA
	Green	600	1200		mcd	IF=40mA
Peak Wavelength	Red		660		nm	IF=20mA
	Green		565		nm	IF=40mA
Spectral Line Half Width	Red		20		nm	IF=20mA
	Green		30		nm	IF=40mA
Wide Viewing Angle	$2\theta_{1/2}$		100		degree	



MT9Y



All dimension in mm

No scale

Tol. : +/-0.3mm