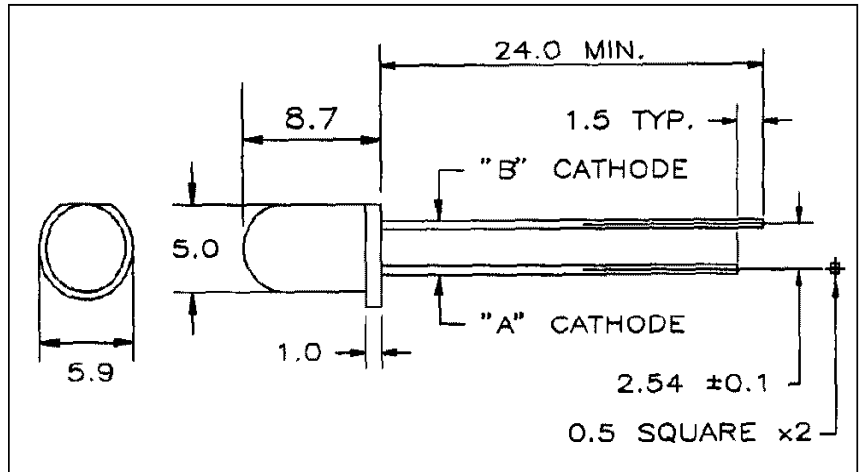


Features

Bi-color LED lamp
White diffused lens
Low drive current
All plastic mold type



Series Line-Up

Part Number	Color	Material
MT5491-HRG	High Efficiency Red	GaAsP
	Yellow Green	GaP
MT5491-RG	Red	GaP
	Yellow Green	GaP
MT5491-YG	Pure Yellow	GaAsP
	Yellow Green	GaP
MT5491A-URG	Ultra Bright Red	GaAlAs
	Yellow Green	GaP

Maximum Ratings (Ta=25°C)

Part Number	Forward Current I _F	Reverse Voltage V _R	Power Dissipation P _D	Operating Temperature T _{opr}	Storage Temperature T _{stg}
MT5491-HRG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
MT5491-RG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
MT5491-YG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
MT5491A-URG	30	4	70.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
Unit	mA	V	mW	°C	°C

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Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λ_P	Material	View Angle $2\theta_{1/2}$	Luminous Intensity I_v				Forward Voltage V_F				Rev Current I_R	
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
MT5491-HRG	635	GaAsP	120°	–	35.40	–	20mA	–	2.10	3.00	20mA	100	5V
	567	GaP	120°	–	30.60	–	20mA	–	2.10	3.00	20mA	100	5V
MT5491-RG	700	GaP	120°	–	6.20	–	20mA	–	2.10	3.00	20mA	100	5V
	567	GaP	120°	–	30.60	–	20mA	–	2.10	3.00	20mA	100	5V
MT5491-YG	585	GaAsP	120°	–	25.20	–	20mA	–	2.10	3.00	20mA	100	5V
	567	GaP	120°	–	30.60	–	20mA	–	2.10	3.00	20mA	100	5V
MT5491A-URG	660	GaAlAs	118°	–	240.00	–	20mA	–	1.90	2.50	20mA	100	4V
	567	GaP	118°	–	30.60	–	20mA	–	2.10	3.00	20mA	100	5V
–	nm	–	deg	mcd				–	V		–	μA	–

NOTES:

- All Dimensions are in millimeters.
- Tolerance is $\pm 0.25\text{mm}$ unless otherwise stated.
- An Epoxy Meniscus may extend about 1mm down the leads.
- Burr around bottom of epoxy may be around 0.5mm MAX.
- Specifications are subject to change without notice.