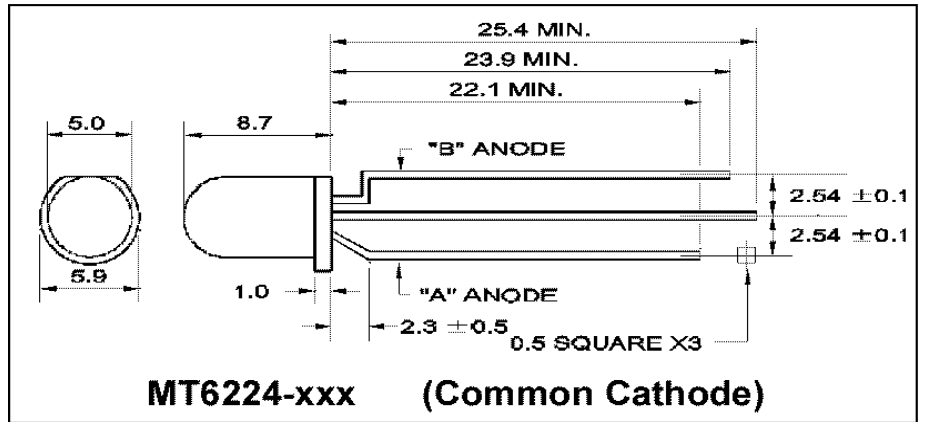


Features

- Bi-color LED lamp
- White diffused lens
- Low current requirements
- Reliable and rugged
- IC compatible



Series Line-Up

Part Number	Color	Material
MT6224-HRG	High Efficiency Red	GaAsP
	Yellow Green	GaP
MT6224-RG	Red	GaP
	Yellow Green	GaP
MT6224-YG	Pure Yellow	GaAsP
	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}
MT6224-HRG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
MT6224-RG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
MT6224-YG	30	5	85.00	-25 ~ +85	-25 ~ +100
	30	5	85.00	-25 ~ +85	-25 ~ +100
Unit	mA	V	mW	°C	°C

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@
MT6224-HRG	635	GaAsP	70°	-	11.70	-	20mA	-	2.10	3.00	20mA	100	5V
	567	GaP	70°	-	10.10	-	20mA	-	2.10	3.00	20mA	100	5V
MT6224-RG	700	GaP	70°	-	2.00	-	20mA	-	2.10	3.00	20mA	100	5V
	567	GaP	70°	-	10.10	-	20mA	-	2.10	3.00	20mA	100	5V
MT6224-YG	585	GaAsP	70°	-	8.30	-	20mA	-	2.10	3.00	20mA	100	5V
	567	GaP	70°	-	10.10	-	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.

Company Headquarters

3 Northway Lane North
Latham, New York 12110
Toll free: 1.800.984.5337
Fax: 518.785.4725

Web: www.marktechopto.com | Email: info@marktechopto.com

West Coast Sales Office

950 South Coast Drive, Suite 225
Costa Mesa, California 92626
Toll Free: 800.984.5337
Fax: 714.850.9314