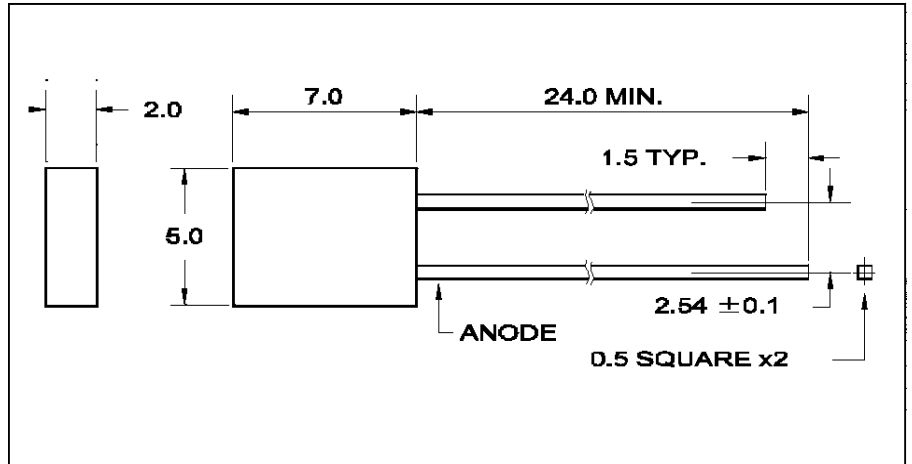


Features

- Diffused lens
- All plastic mold type
- Low drive current
- Other colors/materials available



Series Line-Up

Part Number	Color	Material
MT1152-RG	Red	GaP
MT2152-G	Yellow Green	GaP
MT3152-Y	Pure Yellow	GaAsP
MT4152-HR	High Efficiency Red	GaAsP
MT4152-O	High Efficiency Red	GaAsP

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}
MT1152-RG	30	5	85.00	-25 ~ +85	-25 ~ +100
MT2152-G	30	5	85.00	-25 ~ +85	-25 ~ +100
MT3152-Y	30	5	85.00	-25 ~ +85	-25 ~ +100
MT4152-HR	30	5	85.00	-25 ~ +85	-25 ~ +100
MT4152-O	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@	
MT1152-RG	700	GaP	84°	1.70	2.90	-	20mA	-	2.10	3.00	20mA	100	5V	
MT2152-G	567	GaP	84°	4.20	7.10	-	20mA	-	2.10	3.00	20mA	100	5V	
MT3152-Y	585	GaAsP	84°	3.50	5.90	-	20mA	-	2.10	3.00	20mA	100	5V	
MT4152-HR	635	GaAsP	84°	5.00	8.30	-	20mA	-	2.10	3.00	20mA	100	5V	
MT4152-O	635	GaAsP	84°	5.00	8.30	-	20mA	-	2.10	3.00	20mA	100	5V	
-	nm	-	deg	mcd				-	V			-	mA	-

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.