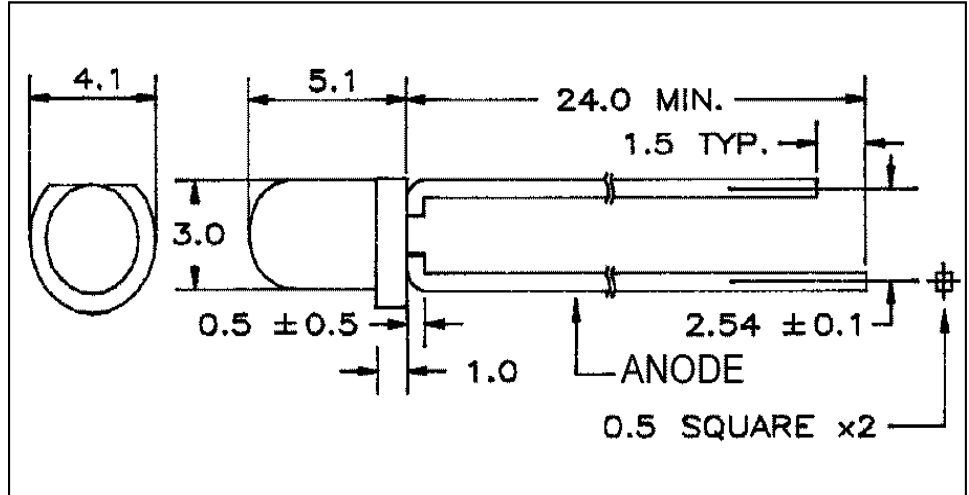


### Features

- Low drive current
- Choice of lens color
- Can be packaged on tape in a reel or in a box



### Series Line-Up

Part Number	Color	Material
MT2103-UG	Yellow Green	GaP
MT2303-UG	Yellow Green	GaP
MT3103A-UY	Ultra Bright Yellow	InGaAlP
MT3203A-UY	Ultra Bright Yellow	InGaAlP
MT3303A-UY	Ultra Bright Yellow	InGaAlP
MT3403A-UY	Ultra Bright Yellow	InGaAlP

### Maximum Ratings (Ta=25°C)

Part Number	Forward Current I <sub>F</sub>	Reverse Voltage V <sub>R</sub>	Power Dissipation P <sub>D</sub>	Operating Temperature T <sub>opr</sub>	Storage Temperature T <sub>stg</sub>
MT2103-UG	30	5	105.00	-25 ~ +85	-25 ~ +100
MT2303-UG	30	5	105.00	-25 ~ +85	-25 ~ +100
MT3103A-UY	30	4	75.00	-25 ~ +85	-25 ~ +100
MT3203A-UY	30	4	75.00	-25 ~ +85	-25 ~ +100
MT3303A-UY	30	4	75.00	-25 ~ +85	-25 ~ +100
MT3403A-UY	30	4	75.00	-25 ~ +85	-25 ~ +100
<b>Unit</b>	<b>mA</b>	<b>V</b>	<b>mW</b>	<b>°C</b>	<b>°C</b>

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## Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λP	Material	View Angle 2θ <sub>1/2</sub>	Luminous Intensity I <sub>v</sub>				Forward Voltage V <sub>F</sub>				Rev Current I <sub>R</sub>		
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@	
MT2103-UG	567	GaP	56°	20.00	50.00	-	20mA	-	2.10	3.00	20mA	100	5V	
MT2303-UG	567	GaP	36°	65.00	160.00	-	20mA	-	2.10	3.00	20mA	100	5V	
MT3103A-UY	590	InGaAIP	54°	70.00	120.00	-	20mA	-	2.00	2.50	20mA	100	4V	
MT3203A-UY	590	InGaAIP	54°	70.00	120.00	-	20mA	-	2.00	2.50	20mA	100	4V	
MT3303A-UY	590	InGaAIP	46°	245.00	405.00	-	20mA	-	2.00	2.50	20mA	100	4V	
MT3403A-UY	590	InGaAIP	46°	245.00	405.00	-	20mA	-	2.00	2.50	20mA	100	4V	
-	nm	-	deg	mcd				-	V			-	mA	-

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