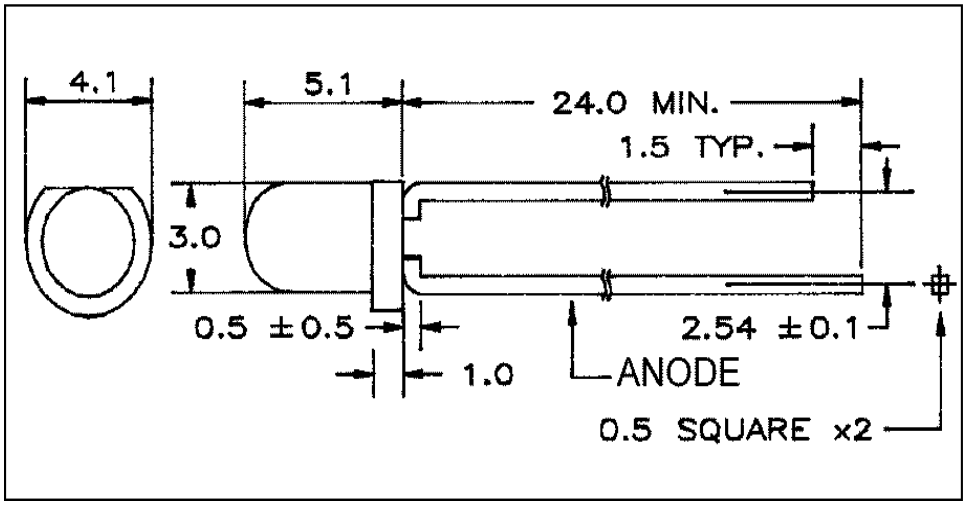
Marktech 3mm Ultra Bright Y G LEDs

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=25ºC)

Part Number	Forward Current I_F	Reverse Voltage V_R	Power Dissipation P_D	Operating Temperature T_{opr}	Storage Temperature T_{stg}
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
Unit	**mA**	**V**	**mW**	**°C**	**°C**

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Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λP	Material	View Angle 2θ1/2	Luminous Intensity Iv				Forward Voltage VF				Rev Current IR	
				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	InGaAlP	54°	70.00	120.00	−	20mA	−	2.00	2.50	20mA	100	4V
MT3203A−UY	590	InGaAlP	54°	70.00	120.00	−	20mA	−	2.00	2.50	20mA	100	4V
MT3303A−UY	590	InGaAlP	46°	245.00	405.00	−	20mA	−	2.00	2.50	20mA	100	4V
MT3403A−UY	590	InGaAlP	46°	245.00	405.00	−	20mA	−	2.00	2.50	20mA	100	4V
−	nm	−	deg	mcd			−	V			−	μ A	−

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