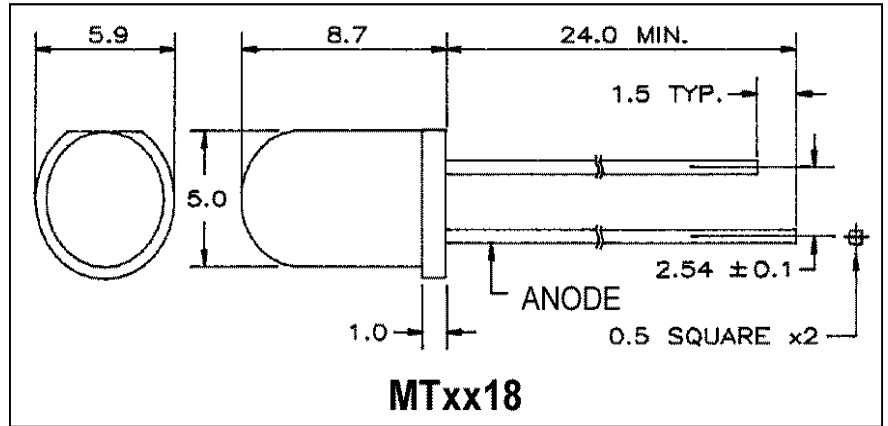


**Features**

- 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
MT2118-AUG	Yellow Green	GaP
MT2318-AUG	Yellow Green	GaP
MT2318-CUG	Yellow Green	GaP
MT3118A-UY	Ultra Bright Yellow	InGaAlP
MT3218A-UY	Ultra Bright Yellow	InGaAlP
MT3318A-UY	Ultra Bright Yellow	InGaAlP
MT3418A-UY	Ultra Bright Yellow	InGaAlP

**Maximum Ratings (Ta=25°C)**

Part Number	Forward Current IF	Reverse Voltage VR	Power Dissipation PD	Operating Temperature Topr	Storage Temperature Tstg
MT2118-AUG	30	5	70.00	-25 ~ +85	-25 ~ +100
MT2318-AUG	30	5	85.00	-25 ~ +85	-25 ~ +100
MT2318-CUG	30	5	85.00	-25 ~ +85	-25 ~ +100
MT3118A-UY	30	4	85.00	-25 ~ +85	-25 ~ +100
MT3218A-UY	30	4	85.00	-25 ~ +85	-25 ~ +100
MT3318A-UY	30	4	85.00	-25 ~ +85	-25 ~ +100
MT3418A-UY	30	4	85.00	-25 ~ +85	-25 ~ +100
<b>Unit</b>	<b>mA</b>	<b>V</b>	<b>mW</b>	<b>°C</b>	<b>°C</b>

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

Part Number	PWL nm $\lambda_P$	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@
MT2118-AUG	567	GaP	41°	58.00	95.00	-	20mA	-	2.10	3.00	20mA	100	5V
MT2118-CUG	567	GaP	40°	36.00	80.00	-	20mA	-	2.10	3.00	20mA	100	5V
MT2318-AUG	567	GaP	19°	300.00	500.00	-	20mA	-	2.10	3.00	20mA	100	5V
MT2318-CUG	567	GaP	30°	200.00	400.00	-	20mA	-	2.10	3.00	20mA	100	5V
MT3118A-UY	590	InGaAIP	41°	-	150.00	-	20mA	-	2.00	2.50	20mA	100	4V
MT3218A-UY	590	InGaAIP	41°	-	125.00	-	20mA	-	2.00	2.50	20mA	100	4V
MT3318A-UY	590	InGaAIP	19°	-	815.00	-	20mA	-	2.00	2.50	20mA	100	4V
MT3418A-UY	590	InGaAIP	19°	-	725.00	-	20mA	-	2.00	2.50	20mA	100	4V
-	nm	-	deg	mcd				-	V		-	mA	-