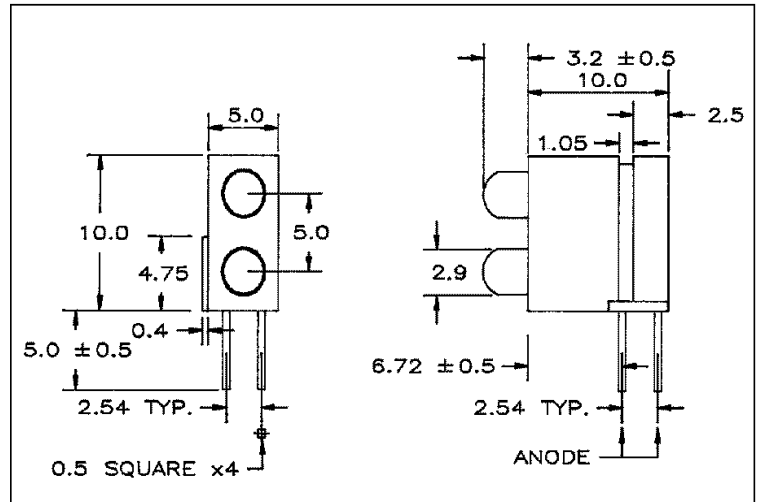


Features

Diffused lens
Stackable end to end



Series Line-Up

Part Number	Color	Material
MTA1163-GHR	Yellow Green	GaP
MTA1163-GHR	High Efficiency Red	GaAsP
MTA1163-HRG	High Efficiency Red	GaAsP
MTA1163-HRG	Yellow Green	GaP
MTA1163-YG	Pure Yellow	GaAsP
MTA1163-YG	Yellow Green	GaP
MTA2063-G	Yellow Green	GaP
MTA2063-HR	High Efficiency Red	GaAsP
MTA2063-Y	Pure Yellow	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}
MTA1163-GHR	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA1163-GHR	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA1163-HRG	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA1163-HRG	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA1163-YG	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA1163-YG	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA2063-G	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA2063-HR	30	5	85.00	-25 ~ +60	-25 ~ +60
MTA2063-Y	30	5	85.00	-25 ~ +60	-25 ~ +60
Unit	mA	V	mW	°C	°C

Company Headquarters
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Latham, New York 12110
Toll Free: 800.984.5337
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Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λP	Material	View Angle 2θ _{1/2}	Luminous Intensity I _v				Forward Voltage V _F				Rev Current I _R	
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
MTA1163-GHR	567	GaP	36°	5.40	40.00	-	20mA	-	2.10	3.00	20mA	100	5V
	635	GaAsP	36°	6.20	35.00	-	20mA	-	2.10	3.00	20mA	100	5V
MTA1163-HRG	635	GaAsP	36°	6.20	35.00	-	20mA	-	2.10	3.00	20mA	100	5V
	567	GaP	36°	5.40	40.00	-	20mA	-	2.10	3.00	20mA	100	5V
MTA1163-YG	585	GaAsP	36°	4.40	25.00	-	20mA	-	2.10	3.00	20mA	100	5V
	567	GaP	36°	5.40	40.00	-	20mA	-	2.10	3.00	20mA	100	5V
MTA2063-G	567	GaP	36°	5.40	40.00	-	20mA	-	2.10	3.00	20mA	100	5V
MTA2063-HR	635	GaAsP	36°	6.20	35.00	-	20mA	-	2.10	3.00	20mA	100	5V
MTA2063-Y	585	GaAsP	36°	4.40	25.00	-	20mA	-	2.10	3.00	20mA	100	5V
-	nm	-	deg	mcd				-	V		-	μ A	-

NOTES:

- All Dimensions are in millimeters.
- Tolerance is ±0.25mm 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.