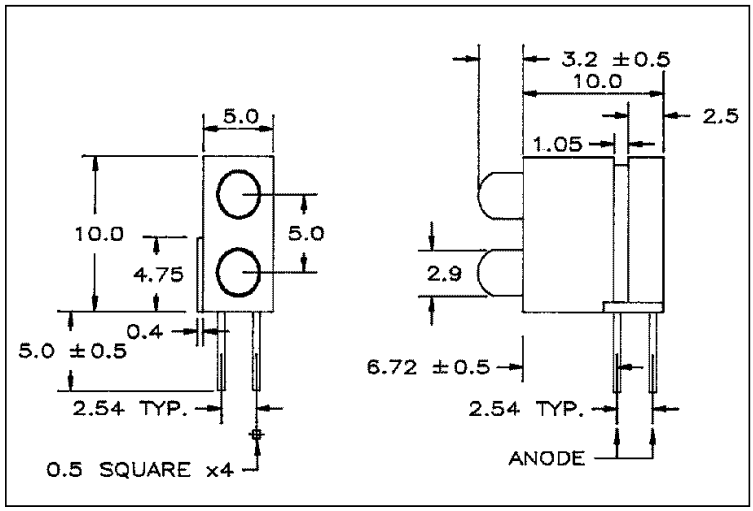
Marktech RT Angle Dual Stack PCB MT 3mm LEDs

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=25ºC)

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**

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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@
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.

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