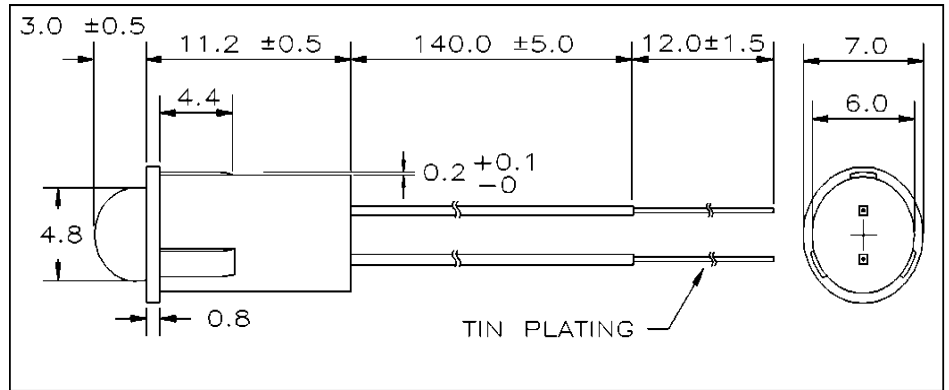


Features

- Low current requirements
- High light output
- Reliable and rugged
- IC Compatible
- Wire lead



Series Line-Up

Part Number	Color	Material
MT1164S4-RG	Red	GaP
MT1164S4-R	Ultra Bright Red	GaAlAs
MT2164S4-G	Yellow Green	GaP
MT3164S4-Y	Pure Yellow	GaAsP
MT4164S4-O	High Efficiency Red	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}
MT1164S4-RG	30	5	100.00	-40 ~ +60	-40 ~ +60
MT1164S4-R	30	5	100.00	-40 ~ +60	-40 ~ +60
MT2164S4-G	30	5	100.00	-40 ~ 60	-40 ~ 60
MT3164S4-Y	30	5	100.00	-40 ~ 60	-40 ~ 60
MT4164S4-O	30	5	100.00	-40 ~ +60	-40 ~ +60
Unit	mA	V	mW	°C	°C

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Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λ_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@
MT1164GS4-RG	700	GaP	42°	2.50	4.10	-	20mA	-	2.10	3.00	20mA	100	5V
MT1164S4-R	660	GaAlAs	42°	1.60	2.70	-	20mA	-	1.70	2.00	20mA	100	5V
MT2164S4-G	567	GaP	42°	12.00	20.00	-	20mA	-	2.10	2.60	20mA	100	5V
MT3164S4-Y	585	GaAsP	42°	9.80	16.40	-	20mA	-	2.10	3.00	20mA	100	5V
MT4164S4-O	635	GaAsP	42°	13.90	23.20	-	20mA	-	2.10	3.00	20mA	100	5V
-	nm	-	deg	mcd				-	V		-	mA	-

NOTES:

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