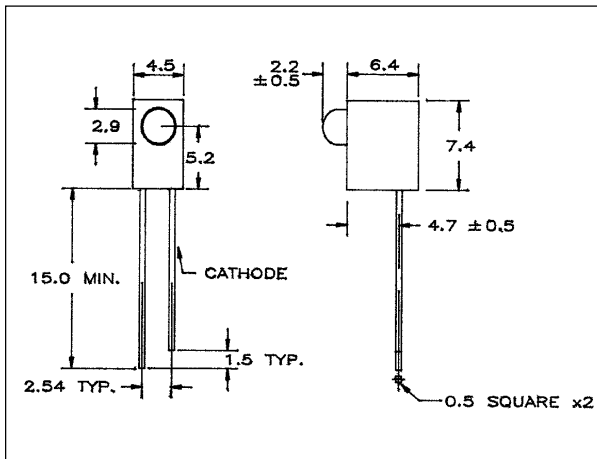


# Packaged LED/PCB Mount Indicators

## FEATURES

- T-1 right angle PCB mount LED
- Diffused lens
- Stackable end to end
- Other colors/materials available

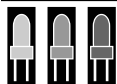


## MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (I <sub>f</sub> ) (mA)	REVERSE VOLTAGE (V <sub>R</sub> ) (V)	POWER DISSIPATION (P <sub>D</sub> ) (mW)	OPERATING TEMPERATURE (T <sub>opr</sub> ) (°C)	STORAGE TEMPERATURE (T <sub>stg</sub> ) (°C)
MT1163S2-RG	30	5.0	85	-25~+85	-25~+100
MT2163S2-G	30	5.0	85	-25~+85	-25~+100
MT3163S2-Y	30	5.0	85	-25~+85	-25~+100
MT4163S2-O	30	5.0	85	-25~+85	-25~+100
MT4163S2-HR	30	5.0	85	-25~+85	-25~+100

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE typ.	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVE LENGTH
				min.	typ.	@mA	typ.	max.	@mA	μA	Vr	nm
MT1163S2-RG	GaP	Red Diff	42°	1.9	3.2	20	2.1	3.0	20	100	5	700
MT2163S2-G	GaP	Green Diff	42°	5.4	40.0	20	2.1	3.0	20	100	5	567
MT3163S2-Y	GaAsP/GaP	Yellow Diff	42°	4.4	25.0	20	2.1	3.0	20	100	5	585
MT4163S2-O	GaAsP/GaP	Orange Diff	42°	6.2	35.0	20	2.1	3.0	20	100	5	635
MT4163S2-HR	GaAsP/GaP	Red Diff	42°	6.2	35.0	20	2.1	3.0	20	100	5	635



**marktech**  
**optoelectronics**

120 Broadway • Menands, New York 12204

Toll Free: (800) 98-4LED5 • Fax: (518) 432-7454