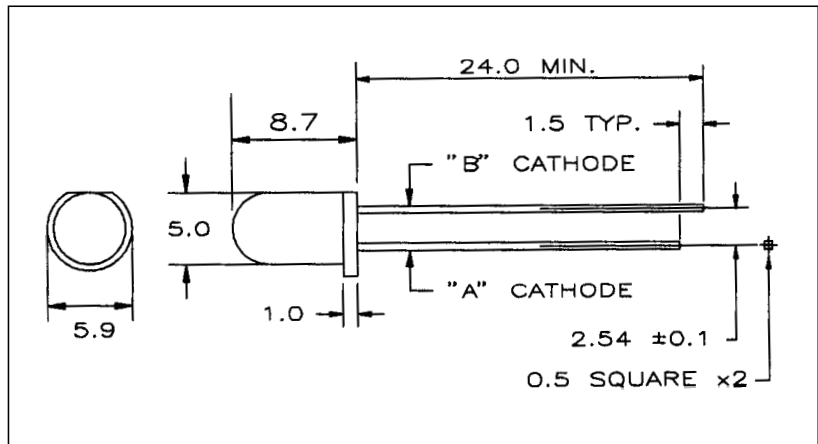


# T-1<sup>3/4</sup> Two Leaded Tri-State LED Lamps

## FEATURES

- Bi-color LED lamp
- White diffused lens



## 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>OP</sub> ) (°C)	STORAGE TEMPERATURE (T <sub>STG</sub> ) (°C)
MT5491-RG	(R)	30	5.0	85	-25~+85	-25~+100
	(G)	30	5.0	85	-25~+85	-25~+100
MT5491-HRG	(HR)	30	5.0	85	-25~+85	-25~+100
	(G)	30	5.0	85	-25~+85	-25~+100
MT5491-URG	(UR)	30	4.0	70	-25~+85	-25~+100
	(G)	30	5.0	85	-25~+85	-25~+100
MT5491-YG	(Y)	30	5.0	85	-25~+85	-25~+100
	(G)	30	5.0	85	-25~+85	-25~+100

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

PART NO.		MATERIAL	LENS COLOR	VIEWING ANGLE typ.	LUMIN. INT. (mcd)		FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVE LENGTH
					typ.	@mA	typ.	max.	@mA	µA	Vr	nm
MT5491-RG	(R)	GaP	White Diff	120°	6.2	20	2.1	3.0	20	100	5	700
	(G)	GaP	White Diff	120°	30.6	20	2.1	3.0	20	100	5	567
MT5491-HRG	(HR)	GaAsP/GaP	White Diff	120°	35.4	20	2.1	3.0	20	100	5	635
	(G)	GaP	White Diff	120°	30.6	20	2.1	3.0	20	100	5	567
MT5491-URG	(UR)	GaAlAs	White Diff	118°	240	20	1.9	2.5	20	100	4	660
	(G)	GaP	White Diff	118°	30.6	20	2.1	3.0	20	100	5	567
MT5491-YG	(Y)	GaAsP/GaP	White Diff	120°	25.2	20	2.1	3.0	20	100	5	585
	(G)	GaP	White Diff	120°	30.6	20	2.1	3.0	20	100	5	567



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All specifications subject to change.