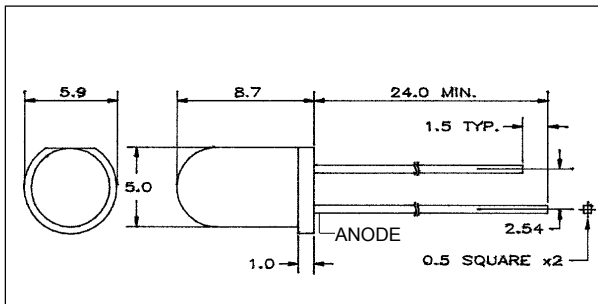


T-1¾ Resistor LED Lamps

FEATURES

- Available with a 5-volt or 12-volt configuration
- Self contained current limiting resistor
- Solid state reliability
- Diffused package
- Saves space and labor



MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (If) (mA)	REVERSE VOLTAGE (VR) (V)	OPERATING TEMPERATURE (Topt) (°C)	STORAGE TEMPERATURE (Tstg) (°C)
MT1118-5VRG	30.0	8.0	-25~+85	-25~+100
MT2118-5VG	30.0	8.0	-25~+85	-25~+100
MT3118-5VY	30.0	8.0	-25~+85	-25~+100
MT4118-5VO	30.0	8.0	-25~+85	-25~+100
MT4118-5VHR	30.0	8.0	-25~+85	-25~+100
MT7118-5VUR	30.0	7.0	-25~+85	-25~+100
MT1118-12VRG	30.0	17.0	-25~+85	-25~+100
MT2118-12VG	30.0	17.0	-25~+85	-25~+100
MT3118-12VY	30.0	17.0	-25~+85	-25~+100
MT4118-12VO	30.0	17.0	-25~+85	-25~+100
MT4118-12VHR	30.0	17.0	-25~+85	-25~+100
MT7118-12VUR	30.0	5.0	-25~+85	-25~+100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE typ.	LUMINOUS INTENSITY (mcd)			FORWARD CURRENT @ 12(V)		REVERSE CURRENT		PEAK WAVE LENGTH
				min.	typ.	@V	typ.	max.	µA	Vr	
MT1118-5VRG	GaP	Red Diff	44°	4.0	6.7	5	5.0	7.0	100	8	700
MT2118-5VG	GaP	Green Diff	44°	8.1	13.5	5	5.0	7.0	100	8	567
MT3118-5VY	GaAsP/GaP	Yellow Diff	44°	7.1	11.8	5	5.0	7.0	100	8	585
MT4118-5VO	GaAsP/GaP	Orange Diff	44°	9.3	15.5	5	5.0	7.0	100	8	635
MT4118-5VHR	GaAsP/GaP	Red Diff	44°	9.3	15.5	5	5.0	7.0	100	8	635
MT7118-5VUR	GaAlAs	Red Diff	44°	30.2	50.4	5	5.0	7.0	100	7	660
MT1118-12VRG	GaP	Red Diff	44°	4.0	6.7	12	12.0	15.0	100	17	700
MT2118-12VG	GaP	Green Diff	44°	8.1	13.5	12	12.0	15.0	100	17	567
MT3118-12VY	GaAsP/GaP	Yellow Diff	44°	7.1	11.8	12	12.0	15.0	100	17	585
MT4118-12VO	GaAsP/GaP	Orange Diff	44°	9.3	15.5	12	12.0	15.0	100	17	635
MT4118-12VHR	GaAsP/GaP	Red Diff	44°	9.3	15.5	12	12.0	15.0	100	17	635
MT7118-12VUR	GaAlAs	Red Diff	44°	30.2	50.4	12	12.0	15.0	100	5	660



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For up-to-date product info visit our web site at www.marktechopto.com

All specifications subject to change.