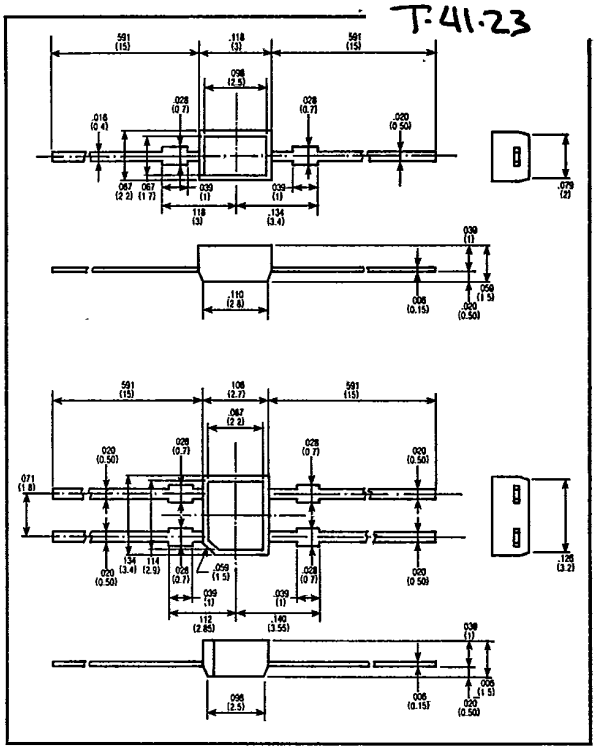
AXIAL LEADED SPECIALTY LED LAMPS

T-41-23

FEATURES

- Wide viewing angle.
- Will fit in small space.
- Low current operations.
- Pulse operation is possible.
- High response time.
- MT221: Red clear lens.
- MT222: Colorless clear lens. (2 chips saves space)



MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (I_F) (mA)	REVERSE VOLTAGE (V_R) (V)	POWER DISSIPATION (P_D) (mW)	OPERATING TEMPERATURE (T_{opr}) (°C)	STORAGE TEMPERATURE (T_{stg}) (°C)
MT221-HR	25	4	70	-20~75	-30~100
MT221-O	25	4	70	-20~75	-30~100
MT221-G	25	4	70	-20~75	-30~100
MT221-Y	25	4	70	-20~75	-30~100
MT222-HRG(R)	25	4	70	-20~75	-30~100
(G)	25	4	70	-20~75	-30~100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	SURFACE SIZE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH	SPEC. LINE HALF WIDTH
				min.	typ.	at mA	typ.	max.	at mA	μA	Vr	nm	nm
MT221-HR	GaAsP/GaP	Red/Clear	2.2x3mm	—	5	15	2.1	2.8	20	4	4	635	40
MT221-O	GaAsP/GaP	Orange/Clear	2.2x3mm	—	5	15	2.1	2.8	20	4	4	610	35
MT221-G	GaP/GaP	Green/Clear	2.2x3mm	—	7	15	2.1	2.8	20	4	4	565	25
MT221-Y	GaAsP/GaP	Yellow/Clear	2.2x3mm	—	5	15	2.1	2.8	20	4	4	585	32
MT222-HRG(R)	GaAsP/GaP	Water/Clear	2.7x3.4mm	—	6	15	2.1	2.8	20	100	4	635	40
(G)	GaP/GaP	Water/Clear	2.7x3.4mm	—	9	15	2.1	2.8	20	100	4	565	25

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