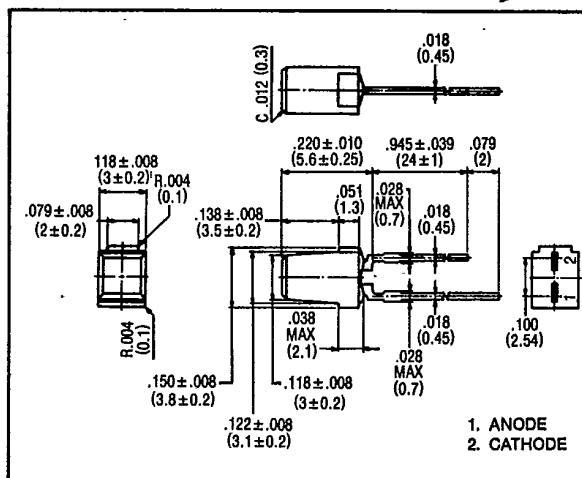


T-41-23

- All plastic mold type.
- Rectangular type (surface size: 3x3mm).
- Low drive current, high intensity light emission.
- Recommended forward current:
 $I_F = 10 \sim 15\text{mA (DC)}$.
- Fast response time, capable of pulse operation.



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)
MT109-R	20	4	58	-20 ~ 75	-30 ~ 100
MT109-G	25	4	70	-20 ~ 75	-30 ~ 100
MT109-Y	25	4	70	-20 ~ 75	-30 ~ 100

PART NO.	MATERIAL	LENS COLOR	SURFACE SIZE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH nm	SPEC. LINE HALF WIDTH nm
				min.	typ.	@mA	typ.	max.	@mA	μA	Vr		
MT109-R	GaP/GaP	Red/Diff	3x3mm	.4	.8	10	2.1	2.8	20	5	4	700	100
MT109-G	GaP/GaP	Green/Diff	3x3mm	.8	1.5	10	2.1	2.8	20	5	4	565	25
MT109-Y	GaAsP/GaP	Yellow/Diff	3x3mm	.5	1.3	10	2.1	2.8	20	100	4	585	32