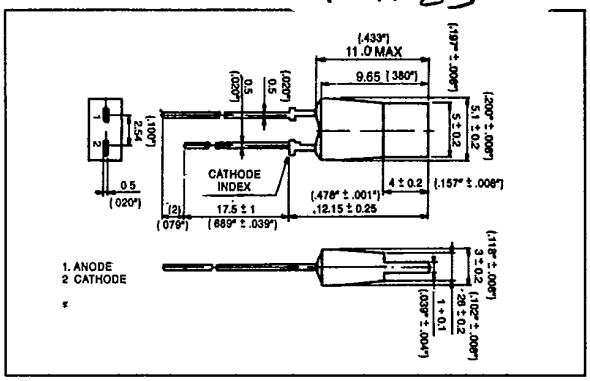
1x5mm RECTANGULAR LED LAMPS

T-41-23

FEATURES

- All plastic mold type.
- Low drive current.
- High intensity light emission.



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)
MT205-R	20	4	56	-20 ~ 75	-30 ~ 100
MT205-G	25	4	70	-20 ~ 75	-30 ~ 100
MT205-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT205-O	25	4	70	-20 ~ 75	-30 ~ 100
MT205-HR	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.	@mA	typ.	max.	@ mA	μA	Vr	nm	nm
MT205-R	GaP/GaP	Red/Diff	1x5	.4	.7	15	2.1	2.8	20	5	4	700	100
MT205-G	GaP/GaP	Green/Diff	1x5	.5	1.5	15	2.1	2.8	20	5	4	565	25
MT205-Y	GaAsP/GaP	Yellow/Diff	1x5	.4	1.1	15	2.1	2.8	20	100	4	585	32
MT205-O	GaAsP/GaP	Orange/Diff	1x5	.5	1.0	15	2.1	2.8	20	100	4	610	35
MT205-HR	GaAsP/GaP	Red/Diff	1x5	.5	1.6	15	2.1	2.8	20	100	4	635	40

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