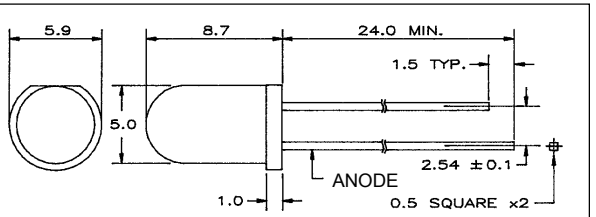
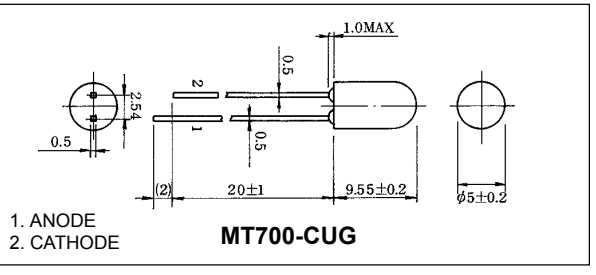
Ultra Bright T-1¾ LED Lamps

FEATURES

- **Excellent on/off contrasts**
- **Low drive current**
- **High intensity green and InGaAlP yellow**
- **Choice of lens color**
- **Can be packaged on tape in a reel or in a box**



MTxx18



MT700-CUG

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)
MT2118-CUG	30	5.0	85	-25~+85	-25~+100
MT2318-CUG	30	5.0	85	-25~+85	-25~+100
MT2118-AUG	30	5.0	85	-25~+85	-25~+100
MT2318-AUG	30	5.0	85	-25~+85	-25~+100
MT3118A-UY	30	4.0	85	-25~+85	-25~+100
MT3218A-UY	30	4.0	85	-25~+85	-25~+100
MT3318A-UY	30	4.0	85	-25~+85	-25~+100
MT3418A-UY	30	4.0	85	-25~+85	-25~+100
MT700-CUG	40	4.0	120	-30~+85	-40~+100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE typ.	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVE LENGTH
				min.	typ.	@mA	typ.	max.	@mA	µA	Vr	nm
MT2118-CUG	GaP	Green Diff	40°	36	80	20	2.1	3.0	20	100	5	567
MT2318-CUG	GaP	Water Clear	30°	200	400	20	2.1	3.0	20	100	5	567
MT2118-AUG	GaP	Green Diff	41°	58	95	20	2.1	3.0	20	100	5	567
MT2318-AUG	GaP	Water Clear	19°	300	500	20	2.1	3.0	20	100	5	567
MT3118A-UY	InGaAlP	Yellow Diff	41°	–	150	20	2.0	2.5	20	100	4	590
MT3218A-UY	InGaAlP	White Diff	41°	–	125	20	2.0	2.5	20	100	4	590
MT3318A-UY	InGaAlP	Water Clear	19°	–	815	20	2.0	2.5	20	100	4	590
MT3418A-UY	InGaAlP	Yellow Clear	19°	–	725	20	2.0	2.5	20	100	4	590
MT700-CUG	GaP	Water Clear	20°	270	700	20	2.15	2.5	20	100	4	567

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