

T-1³/₄ ULTRA BRIGHT LED LAMPS

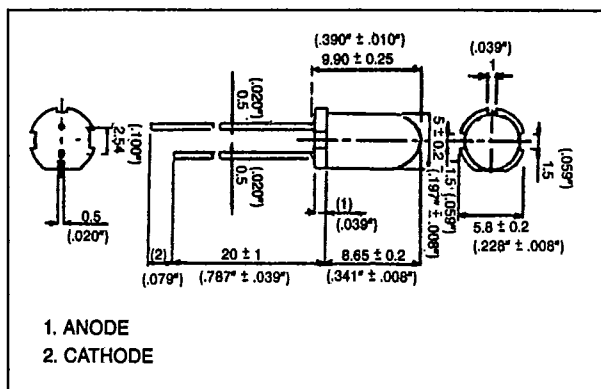
T-41-21

APPLICATIONS

- PANEL CIRCUIT INDICATOR
- LIGHTED SWITCHES

FEATURES

- Ultra bright.
- All plastic mold type.
- Light red clear and diffused lens.
- Low drive current, high intensity.
- Excellent on/off contrast ratio.
- Fast response time, capable of pulse operation.



MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (If) (mA)	REVERSE VOLTAGE (Vr) (V)	POWER DISSIPATION (Pd) (mW)	OPERATING TEMPERATURE (Topr) (°C)	STORAGE TEMPERATURE (Tstg) (°C)
MT810-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT810-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT820-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT820-UR	25	4	55	-20 ~ 75	-30 ~ 100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

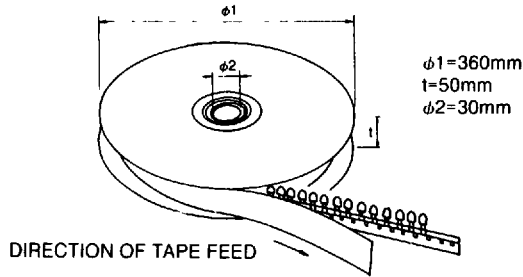
PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE		LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)	SPEC. LINE HALF WIDTH (nm)
			typ.	max.	typ.	max.	@mA	typ.	max.	@mA	µA	Vr		
MT810-CUR	GaAlAs	Light Red/Clear	15°		500		20	1.8	2.2	20	100	4	660	25
MT810-UR	GaAlAs	Light Red/Clear	15°		250		20	1.8	2.2	20	100	4	660	25
MT820-CUR	GaAlAs	Light Red/Diff	25°		300		20	1.8	2.2	20	100	4	660	25
MT820-UR	GaAlAs	Light Red/Diff	25°		150		20	1.8	2.2	20	100	4	660	25

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APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



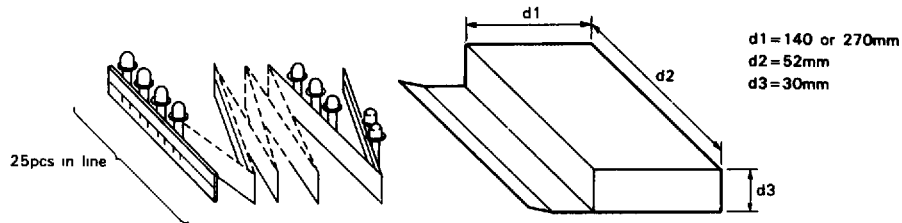
Content

LED Type	Quantity/Reel
$\phi 3$ Series	2000 pcs
$\phi 5$ Series	1000 pcs

T-1 and T- 1 3/4 packages

*Lamps with external shapes other than those above are also available. Please consult Marktech.

b) Zigzag wound tape



At tape beginning and end, there is additional space for 4 pcs or more

Content

LED Type	Quantity/Box
$\phi 3$ Series	2000 or 5000 pcs
$\phi 5$ Series	1000 or 2000 pcs



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