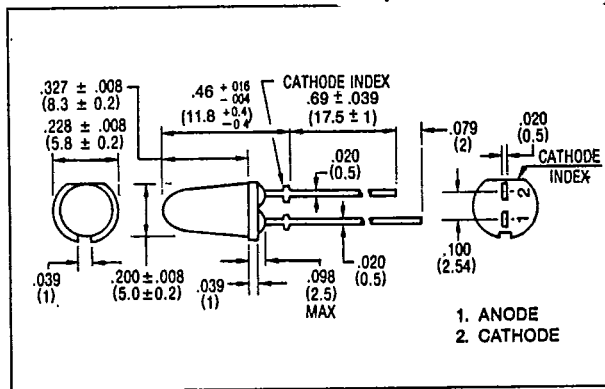


# T-1<sup>3</sup>/<sub>4</sub> LOW CURRENT SERIES

## FEATURES

- Optimized for low D.C. current operation.
- T-1<sup>3</sup>/<sub>4</sub> tapered design.
- CMOS and TTL compatible.
- Excellent brightness at 2mA.



## 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)
MT540-R2	20	4	56	-20 ~ 75	-30 ~ 100
MT540-UG2	20	4	56	-20 ~ 75	-30 ~ 100
MT540-UY2	20	4	56	-20 ~ 75	-30 ~ 100

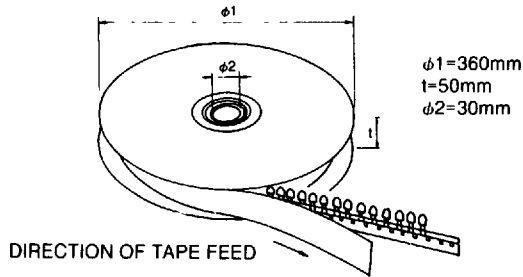
## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)				FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)	SPEC. LINE HALF WIDTH (nm)
				typ.	min.	typ.	@mA	typ.	max.	@ mA	μA	Vr		
MT540-R2	GaP/GaP	Red/Diff	25°	1.2	2.0	2	2.1	2.8	20	100	4	700	100	
MT540-UG2	GaP/GaP	Green/Diff	25°	1.2	1.8	2	2.1	2.8	20	5	4	565	25	
MT540-UY2	GaAsP/GaP	Yellow/Diff	25°	1.2	1.8	2	2.1	2.8	20	100	4	585	32	

# APPLICATION NOTES

## [4] Packaging Reel Packaging

### a) Reel type



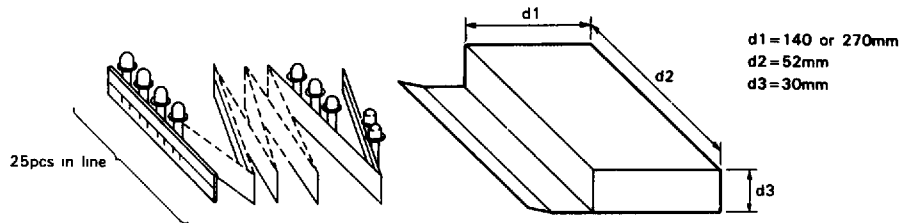
### Content

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



**marktech**

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