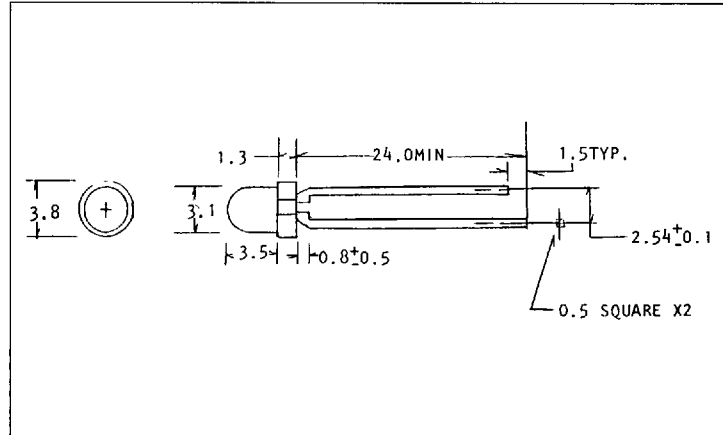


Standard T-1 LED Lamps

FEATURES

- Excellent on/off contrasts
- Wide viewing angle
- Solid state reliability
- Choice of clear or diffused lens
- Available in five colors/materials



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)
MT230-R	30	5	85	-25~+85	-25~+100
MT230-G	30	5	85	-25~+85	-25~+100
MT230-Y	30	5	85	-25~+85	-25~+100
MT230-O	30	5	85	-25~+85	-25~+100
MT230-HR	30	5	85	-25~+85	-25~+100
MT240-R	30	5	85	-25~+85	-25~+100
MT240-G	30	5	85	-25~+85	-25~+100
MT240-Y	30	5	85	-25~+85	-25~+100
MT240-O	30	5	85	-25~+85	-25~+100
MT240-HR	30	5	85	-25~+85	-25~+100

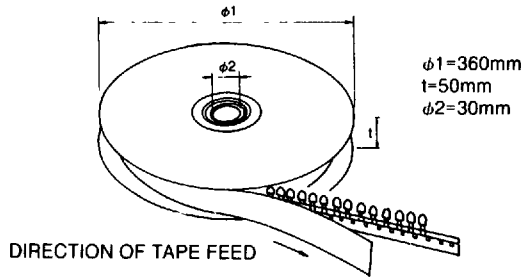
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)				FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)
				typ.	min.	typ.	@mA	typ.	max.	@mA	μA	V _r	
MT230-R	GaP/GaP	Red Clear	60°	1.5	4.0	10	2.1	3.0	20	100	5	700	
MT230-G	GaP/GaP	Green Clear	60°	8.0	20.0	10	2.1	3.0	20	100	5	567	
MT230-Y	GaAsP/GaP	Yellow Clear	60°	6.5	17.0	10	2.1	3.0	20	100	5	585	
MT230-O	GaAsP/GaP	Orange Clear	60°	9.0	24.0	10	2.1	3.0	20	100	5	635	
MT230-HR	GaAsP/GaP	Red Clear	60°	9.0	24.0	10	2.1	3.0	20	100	5	635	
MT240-R	GaP/GaP	Red Diff	75°	0.5	1.5	10	2.1	3.0	20	100	5	700	
MT240-G	GaP/GaP	Green Diff	75°	2.0	6.0	10	2.1	3.0	20	100	5	567	
MT240-Y	GaAsP/GaP	Yellow Diff	75°	2.0	5.0	10	2.1	3.0	20	100	5	585	
MT240-O	GaAsP/GaP	Orange Diff	75°	2.5	7.0	10	2.1	3.0	20	100	5	635	
MT240-HR	GaAsP/GaP	Red Diff	75°	2.5	7.0	10	2.1	3.0	20	100	5	635	

APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



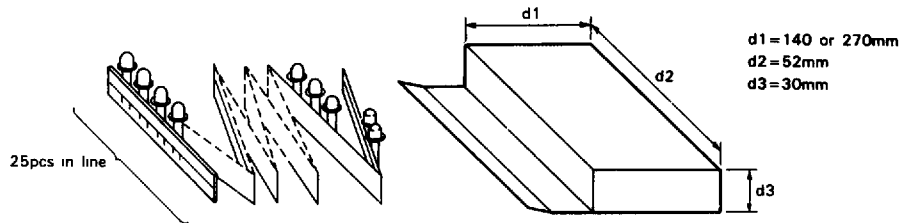
Content

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

5 Hemlock Street • Latham, New York • (518) 786-6591 • FAX (518) 786-6599