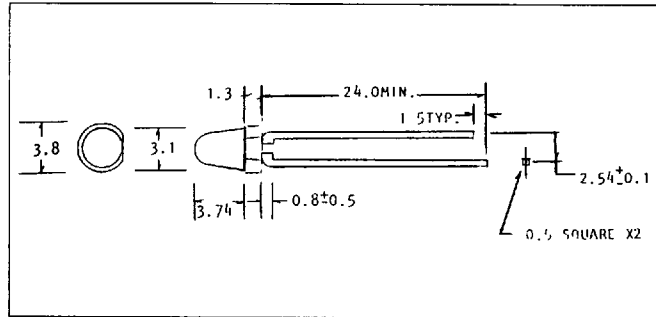


Tapered T-1 LED Lamps

FEATURES

- High brightness
- Solid state reliability
- Choice of clear or diffused lens
- Available in five colors/materials



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)
MT630-R	30	5	85	-25~+85	-25~+100
MT630-G	30	5	85	-25~+85	-25~+100
MT630-Y	30	5	85	-25~+85	-25~+100
MT630-O	30	5	85	-25~+85	-25~+100
MT630-HR	30	5	85	-25~+85	-25~+100
MT630-UR	30	4	70	-25~+85	-25~+100
MT640-R	30	5	85	-25~+85	-25~+100
MT640-G	30	5	85	-25~+85	-25~+100
MT640-Y	30	5	85	-25~+85	-25~+100
MT640-O	30	5	85	-25~+85	-25~+100
MT640-HR	30	5	85	-25~+85	-25~+100
MT640-UR	30	4	70	-25~+85	-25~+100

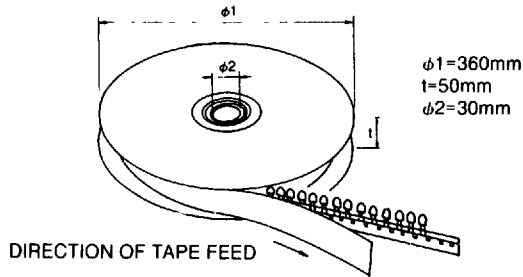
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)
				min.	typ.	@mA	typ.	max.	@mA	µA	Vr	
MT630-R	GaP	Red Clear	32°	2.4	6.1	10	2.1	3.0	20	100	5	700
MT630-G	GaP/GaP	Green Clear	32°	12.1	30.0	10	2.1	3.0	20	100	5	567
MT630-Y	GaAsP/GaP	Yellow Clear	32°	9.9	25.0	10	2.1	3.0	20	100	5	585
MT630-O	GaAsP/GaP	Orange Clear	32°	14.0	35.0	10	2.1	3.0	20	100	5	635
MT630-HR	GaAsP/GaP	Red Clear	32°	14.0	35.0	10	2.1	3.0	20	100	5	635
MT630-UR	GaAlAs	Red Clear	32°	96.0	240.0	10	1.7	2.2	20	100	4	660
MT640-R	GaP	Red Diff	38°	0.7	1.8	10	2.1	3.0	20	100	5	700
MT640-G	GaP/GaP	Green Diff	38°	3.6	8.7	10	2.1	3.0	20	100	5	567
MT640-Y	GaAsP/GaP	Yellow Diff	38°	2.9	7.3	10	2.1	3.0	20	100	5	585
MT640-O	GaAsP/GaP	Orange Diff	38°	4.1	10.3	10	2.1	3.0	20	100	5	635
MT640-HR	GaAsP/GaP	Red Diff	38°	4.1	10.3	10	2.1	3.0	20	100	5	635
MT640-UR	GaAlAs	Red Diff	38°	28.0	70.0	10	1.7	2.2	20	100	4	660

APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



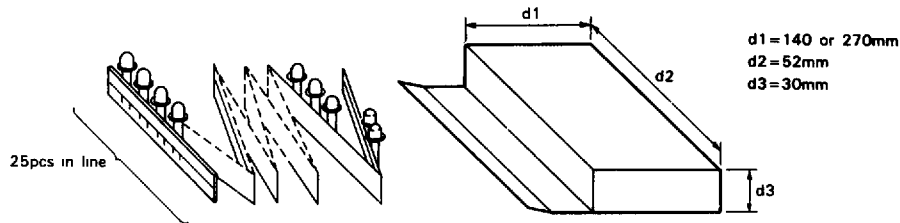
Content

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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