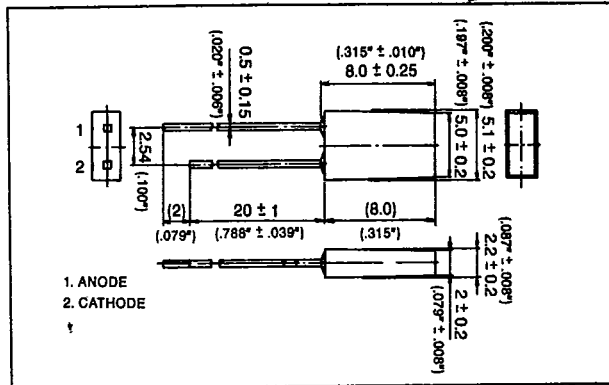


2x5mm RECTANGULAR LED LAMPS

F-41-23

FEATURES

- All plastic mold type.
- Low drive current.
- High intensity light emission.



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)
MT2180-R	20	4	56	-20 ~ 75	-30 ~ 100
MT2180-G	25	4	70	-20 ~ 75	-30 ~ 100
MT2180-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT2180-O	25	4	70	-20 ~ 75	-30 ~ 100
MT2180-HR	25	4	70	-20 ~ 75	-30 ~ 100
MT2180-PG	25	4	70	-20 ~ 75	-30 ~ 100

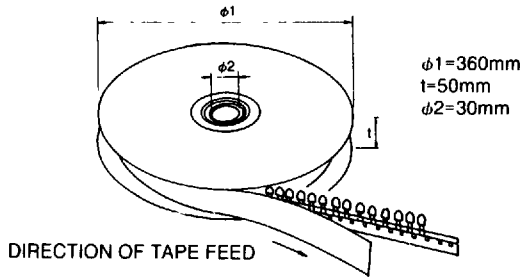
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	MATERIAL	LENS COLOR	SURFACE SIZE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)	SPEC. LINE HALF WIDTH (nm)
				min.	typ.	@mA	typ.	max.	@mA	μA	Vr		
MT2180-R	GaP/GaP	Red/Diff	2x5	.4	.8	15	2.1	2.8	20	100	4	700	100
MT2180-G	GaP/GaP	Green/Diff	2x5	1.0	2.5	15	2.1	2.8	20	100	4	565	25
MT2180-Y	GaAsP/GaP	Yellow/Diff	2x5	.6	1.8	15	2.1	2.8	20	100	4	585	32
MT2180-O	GaAsP/GaP	Orange/Diff	2x5	.6	2.2	15	2.1	2.8	20	100	4	610	35
MT2180-HR	GaAsP/GaP	Red/Diff	2x5	.8	2.4	15	2.1	2.8	20	100	4	635	40
MT2180-PG	GaP/GaP	Pure Green/Diff	2x5	.5	1.2	15	2.1	2.8	20	100	4	555	20

APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



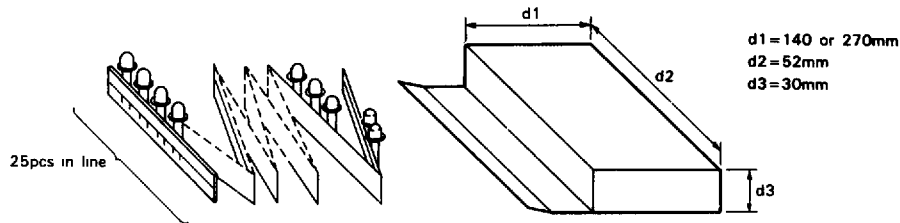
Content

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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