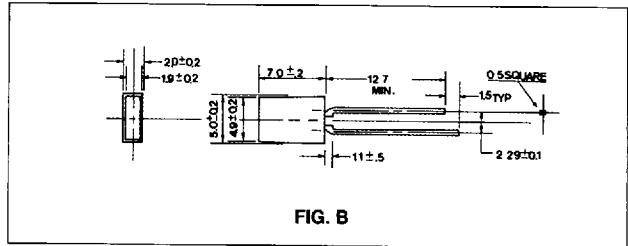
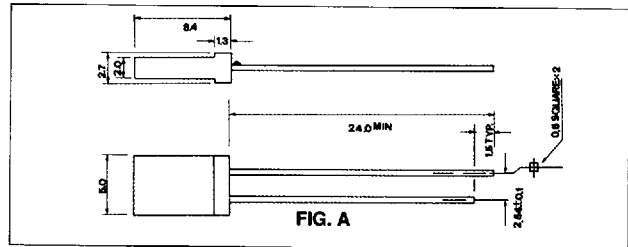


2x5mm Rectangular LED Lamps

FEATURES

- All plastic mold type
- Low drive current
- High intensity light emission
- Choice of six colors/materials



MAXIMUM RATINGS (Ta = 25°C)

FIG	PART NO.	FORWARD CURRENT (IF) (mA)	REVERSE VOLTAGE (VR) (V)	POWER DISSIPATION (PD) (mW)	OPERATING TEMPERATURE (Topr) (°C)	STORAGE TEMPERATURE (Tstg) (°C)
A	MT1123-R	30	3.0	100	-25~+85	-25~+100
A	MT1123-RG	30	5.0	85	-25~+85	-25~+100
A	MT2123-G	30	5.0	85	-25~+85	-25~+100
A	MT3123-Y	30	5.0	85	-25~+85	-25~+100
A	MT4123-O	30	5.0	85	-25~+85	-25~+100
A	MT4123-HR	30	5.0	85	-25~+85	-25~+100
B	MT1130-R	30	3.0	100	-25~+85	-25~+100
B	MT1130-RG	30	5.0	85	-25~+85	-25~+100
B	MT2130-G	30	5.0	85	-25~+85	-25~+100
B	MT3130-Y	30	5.0	85	-25~+85	-25~+100
B	MT4130-O	30	5.0	85	-25~+85	-25~+100
B	MT4130-HR	30	5.0	85	-25~+85	-25~+100

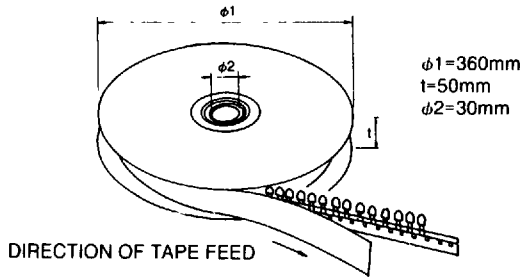
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

FIG	PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH
				typ.	min.	typ.	@mA	typ.	max.	@mA	μA	Vr	nm
A	MT1123-R	GaAsP/GaAs	Red Diff	72°	.2	.5	10	1.7	2.0	20	100	3	655
A	MT1123-RG	GaP/GaP	Red Diff	72°	.3	.8	10	2.1	3.0	20	100	5	700
A	MT2123-G	GaP/GaP	Green Diff	72°	.8	2.0	10	2.1	3.0	20	100	5	567
A	MT3123-Y	GaAsP/GaP	Yellow Diff	72°	.6	1.6	10	2.1	3.0	20	100	5	585
A	MT4123-O	GaAsP/GaP	Orange Diff	72°	.9	2.3	10	2.1	3.0	20	100	5	635
A	MT4123-HR	GaAsP/GaP	Red Diff	72°	.9	2.3	10	2.1	3.0	20	100	5	635
B	MT1130-R	GaAsP/GaAs	Red Diff	120°	.2	.5	10	1.7	2.0	20	100	3	655
B	MT1130-RG	GaP/GaP	Red Diff	120°	.3	.8	10	2.1	3.0	20	100	5	700
B	MT2130-G	GaP/GaP	Green Diff	120°	.8	2.0	10	2.1	3.0	20	100	5	567
B	MT3130-Y	GaAsP/GaP	Yellow Diff	120°	.6	1.8	10	2.1	3.0	20	100	5	585
B	MT4130-O	GaAsP/GaP	Orange Diff	120°	.9	2.3	10	2.1	3.0	20	100	5	635
B	MT4130-HR	GaAsP/GaP	Red Diff	120°	.9	2.3	10	2.1	3.0	20	100	5	635

APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



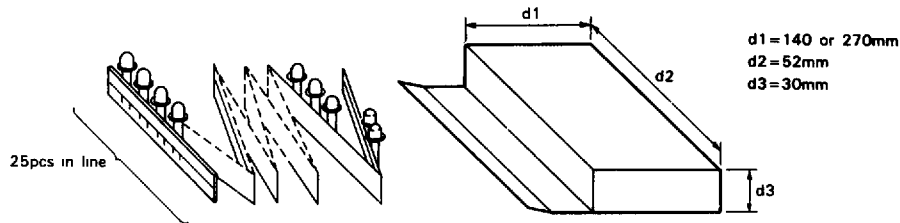
Content

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

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