

Standard T - 1 3/4 LED Lamps

FEATURES

MTX118:

- Hard leaded package
- Diffused Lens

MTX117:

- Flangeless package
- Diffused lens
- Excellent for use in PCB panel indicator packages

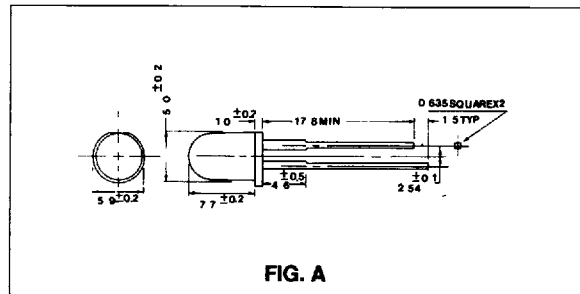


FIG. A

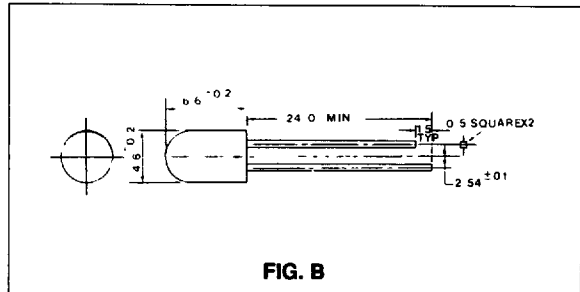


FIG. B

MAXIMUM RATINGS (Ta = 25°C)

FIG	PART NO.	FORWARD CURRENT (If) (mA)	REVERSE VOLTAGE (VR) (V)	POWER DISSIPATION (PD) (mW)	OPERATING TEMPERATURE (Topt) (°C)	STORAGE TEMPERATURE (Tstg) (°C)
A	MT2118-HLG	30	5	85	-25~+85	-25~+100
A	MT3118-HLY	30	5	85	-25~+85	-25~+100
A	MT4118-HLHR	30	5	85	-25~+85	-25~+100
B	MT1117-R	30	3	100	-25~+85	-25~+100
B	MT1117-RG	30	5	85	-25~+85	-25~+100
B	MT2117-G	30	5	85	-25~+85	-25~+100
B	MT3117-Y	30	5	85	-25~+85	-25~+100
B	MT4117-O	30	5	85	-25~+85	-25~+100
B	MT4117-HR	30	5	85	-25~+85	-25~+100

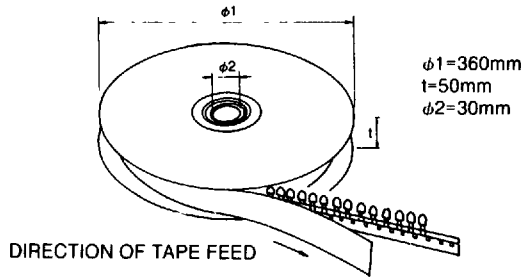
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

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	MT2118-HLG	GaP/GaP	Green Diff	40°	2.3	3.9	10	2.1	3.0	20	100	5	567
A	MT3118-HLY	GaAsP/GaP	Yellow Diff	40°	2.0	3.4	10	2.1	3.0	20	100	5	585
A	MT4118-HLHR	GaAsP/GaP	Red Diff	40°	2.7	4.5	10	2.1	3.0	20	100	5	635
B	MT1117-R	GaAsP/GaAs	Red Diff	54°	.5	1.2	10	1.7	2.0	20	100	3	655
B	MT1117-RG	GaP/GaP	Red Diff	54°	.7	1.8	10	2.1	3.0	20	100	5	700
B	MT2117-G	GaP/GaP	Green Diff	54°	2.5	3.8	10	2.1	3.0	20	100	5	567
B	MT3117-Y	GaAsP/GaP	Yellow Diff	54°	2.9	7.3	10	2.1	3.0	20	100	5	585
B	MT4117-O	GaAsP/GaP	Orange Diff	54°	4.1	10.3	10	2.1	3.0	20	100	5	635
B	MT4117-HR	GaAsP/GaP	Red Diff	54°	4.1	10.3	10	2.1	3.0	20	100	5	635

APPLICATION NOTES

[4] Packaging Reel Packaging

a) Reel type



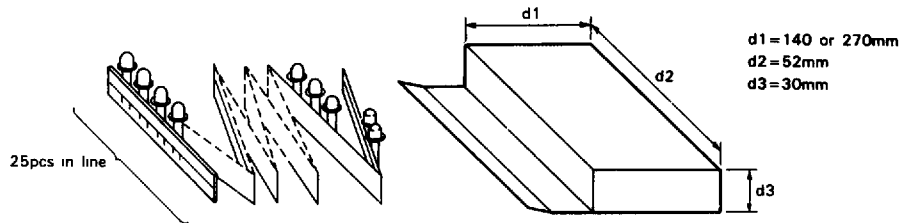
Content

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



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