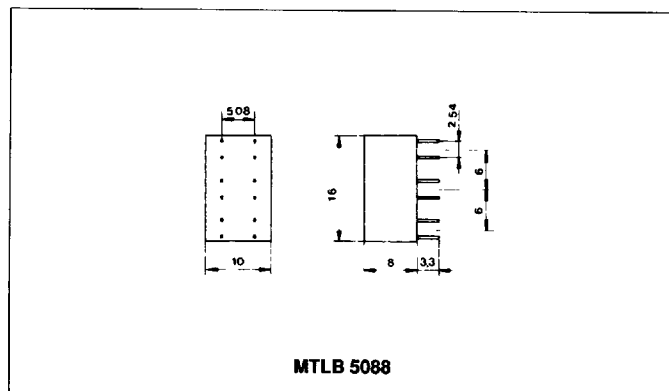
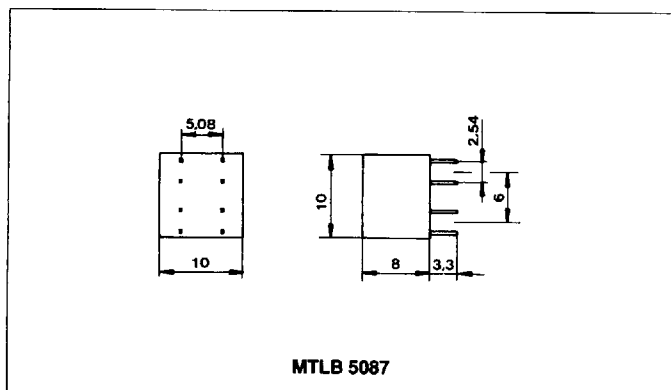
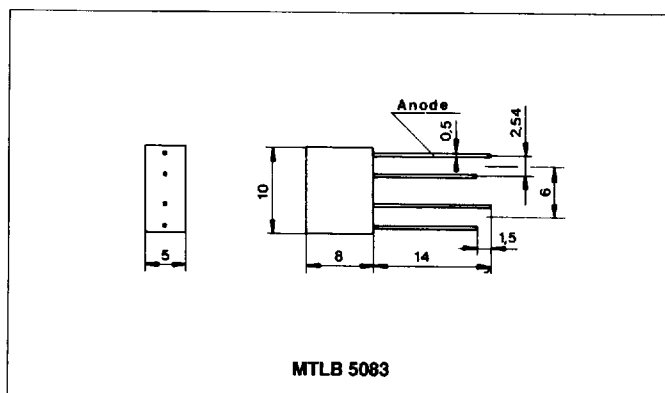


# Light Bars

## FEATURES

- Plastic mold type
- Suitable as a backlight lamp
- Low drive current, uniform light emission
- Fast response time



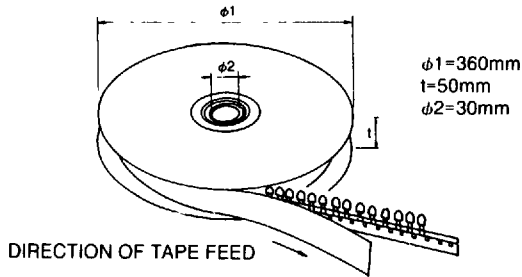
PART NO.	MATERIAL	PEAK WAVE-LENGTH (nm)	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS						
			I <sub>F</sub> (mA)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (I <sub>F</sub> @20 mA) (V)		I <sub>R</sub> (μA)	V <sub>R</sub> (V)	I <sub>v</sub> (per seq.) (mcd)*		SPECTRAL LINE HALF WIDTH (nm)
								min.	typ.			min.	typ.	
MTLB5083-HR	GaAsP/GaP	625	30	5.0	105	-40~+85	-40~+85	2.0	2.5	10	5	1.25	5.0	45
MTLB5083-G	GaP	565	25	5.0	105	-40~+85	-40~+85	2.2	2.5	10	5	1.25	5.0	30
MTLB5083-Y	GaAsP/GaP	590	30	5.0	105	-40~+85	-40~+85	2.1	2.5	10	5	1.25	5.0	35
MTLB5087-HR	GaAsP/GaP	625	30	5.0	105	-40~+85	-40~+85	2.0	2.5	10	5	2.0	8.0	45
MTLB5087-G	GaP	565	25	5.0	105	-40~+85	-40~+85	2.2	2.5	10	5	1.25	5.0	30
MTLB5087-Y	GaAsP/GaP	590	30	5.0	105	-40~+85	-40~+85	2.1	2.5	10	5	2.0	8.0	35
MTLB5088-HR	GaAsP/GaP	625	30	5.0	105	-40~+85	-40~+85	2.0	2.5	10	5	2.0	8.0	45
MTLB5088-G	GaP	565	25	5.0	105	-40~+85	-40~+85	2.2	2.5	10	5	1.25	5.0	30
MTLB5088-Y	GaAsP/GaP	590	30	5.0	105	-40~+85	-40~+85	2.1	2.5	10	5	2.0	8.0	35

\*I<sub>F</sub>@10mA

# APPLICATION NOTES

## [4] Packaging Reel Packaging

### a) Reel type



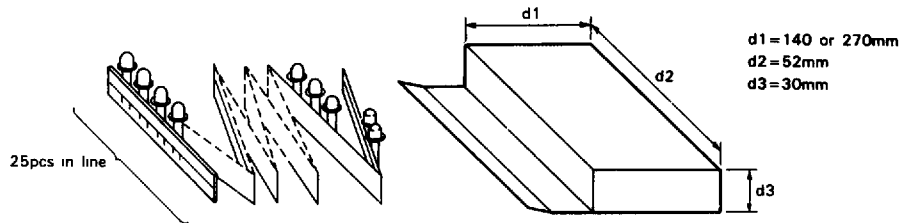
### Content

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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