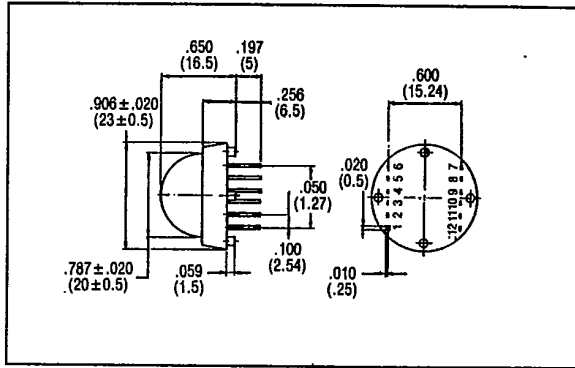
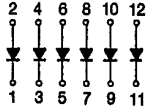


LARGE SURFACE LAMPS

T-41-23

FEATURES

- Large faced lamp.
- Excellent brightness.
- Recommended drive:
15~20mA (DC) per chip.



| PART NO. | MATERIAL | PEAK WAVE-LENGTH P (nm) | EMITTED COLOR | MAXIMUM RATINGS | | | | | OPTO-ELECTRICAL CHARACTERISTICS | | | | | | |
|-------------|-----------|-------------------------|---------------|-------------------------------|---|--------------------|-----------------------|-----------------------|---|------|---------------------|--------------------|---------------------------------|------|-----------|
| | | | | I _F (DC/seg.) (mA) | I _F ' (I _{FP} /seg.) (mA) | V _R (V) | T _{opr} (°C) | T _{stg} (°C) | V _F (I _F at 20mA) (V) | | I _R (μA) | V _R (V) | I _V (per seg.) (mcd) | | |
| | | | | | | | | | typ. | max. | | | min. | typ. | at mA |
| MTLB200-HR | GaAsP/GaP | 635 | Red | 30 | 120 | 4 | -20 ~ 75 | -30 ~ 85 | 2.1 | 2.8 | 100 | 4 | — | 20 | 15x6chips |
| MTLB200-G | GaP/GaP | 565 | Green | 30 | 120 | 4 | -20 ~ 75 | -30 ~ 85 | 2.1 | 2.8 | 100 | 4 | — | 7 | 15x6chips |
| MTLB200-Y | GaAsP/GaP | 585 | Yellow | 30 | 120 | 4 | -20 ~ 75 | -30 ~ 85 | 2.1 | 2.8 | 100 | 4 | — | 10 | 15x6chips |
| MTLB200-O | GaAsP/GaP | 610 | Orange | 30 | 120 | 4 | -20 ~ 75 | -30 ~ 85 | 2.1 | 2.8 | 100 | 4 | — | 10 | 15x6chips |
| MTLB200-UR | GaAlAs | 660 | Red | 30 | 200 | 4 | -20 ~ 75 | -30 ~ 85 | 1.75 | 2.2 | 100 | 4 | — | 200 | 15x6chips |
| MTLB200C-UR | GaAlAs | 660 | Red | 30 | 120 | 4 | -20 ~ 75 | -30 ~ 85 | 1.75 | 2.2 | 100 | 4 | — | 35 | 15x6chips |

*P_W=100μS, D_R=10⁻¹