

LED LAMP ARRAYS

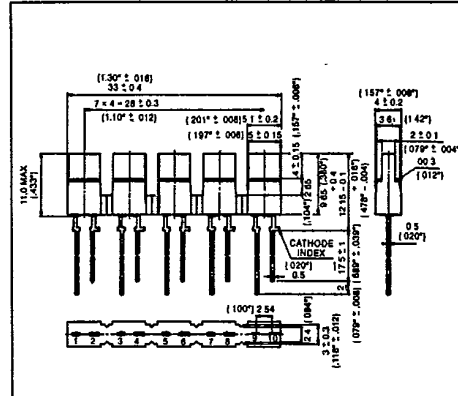
T-41-31

MT208-5R, MT208-5G, MT208-5Y

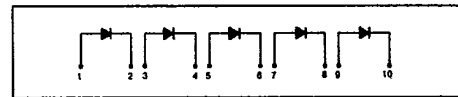
FEATURES

- All plastic mold type
 MT208-5R — Red Light Emission
 MT208-5G — Green Light Emission
 MT208-5Y — Yellow Light Emission
- Bar point size 2x5mm.
- Each bar point is diffused producing uniform light.

OUTLINE AND PIN CONNECTION



| PIN NO. | CONNECTION | PIN NO. | CONNECTION |
|---------|------------|---------|------------|
| 1 | ANODE | 6 | CATHODE |
| 2 | CATHODE | 7 | ANODE |
| 3 | ANODE | 8 | CATHODE |
| 4 | CATHODE | 9 | ANODE |
| 5 | ANODE | 10 | CATHODE |



Weight: 1.61 g

MAXIMUM RATINGS (Ta = 25°C)

| CHARACTERISTIC | SYMBOL | RATING | UNIT |
|----------------------------|------------------|-----------|------|
| DC Forward Current/Segment | MT208-5R | 20 | mA |
| | MT208-5G | 25 | |
| | MT208-5Y | 25 | |
| Reverse Voltage | V _R | 4 | V |
| Power Dissipation (Diode) | MT208-5R | 56 | mW |
| | MT208-5G | 70 | |
| | MT208-5Y | 70 | |
| Operating Temperature | T _{opr} | -20 ~ 75 | °C |
| Storage Temperature | T _{stg} | -30 ~ 100 | °C |

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

| CHARACTERISTIC | SYMBOL | TEST CONDITION | MIN | TYP. | MAX. | UNIT |
|----------------------------|----------------|-----------------------|-----|------|------|------|
| Forward Voltage | MT208-5R | I _F = 20mA | — | 2.1 | 2.8 | V |
| | MT208-5G | | — | 2.2 | 2.8 | |
| | MT208-5Y | | — | 2.2 | 2.8 | |
| Reverse Current | I _R | V _R = 4V | — | — | 100 | μA |
| Luminous Intensity/Segment | MT208-5R | I _F = 15mA | 0.3 | 0.6 | — | mcd |
| | MT208-5G | | 0.5 | 1.2 | — | |
| | MT208-5Y | | 0.5 | 0.9 | — | |
| Peak Emission Wave Length | MT208-5R | I _F = 15mA | — | 700 | — | nm |
| | MT208-5G | | — | 565 | — | |
| | MT208-5Y | | — | 585 | — | |
| Spectral Line Half Width | MT208-5R | I _F = 15mA | — | 100 | — | nm |
| | MT208-5G | | — | 25 | — | |
| | MT208-5Y | | — | 32 | — | |