

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice
 0.3 inch Character Height
 High Contrast
 Wide Viewing Angle
 Common Anode - MS134A, MG134A, MY134A, MO134A
 Common Cathode - MS134C, MG134C, MY134C, MO134C

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ABSOLUTE MAXIMUM RATINGS

| | MS134 | MY134 | MG134 MO134 | UNIT |
|--|------------------|-------|----------------|------|
| Power Dissipation / Segment | 40 | 60 | 75 | mW |
| Peak Forward Current / Segment | 60 | 80 | 100 | mA |
| Continuous Forward Current / Segment | 15 | 20 | 25 | mA |
| Reverse Voltage / Segment | 5 | 5 | 5 | V |
| Operating Temperature Range | -25 to +85 | | | °C |
| Storage Temperature Range | -25 to +85 | | | °C |
| Lead Soldering Temperature (1/16" from body) | 260°C for 5 sec. | | | |

* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

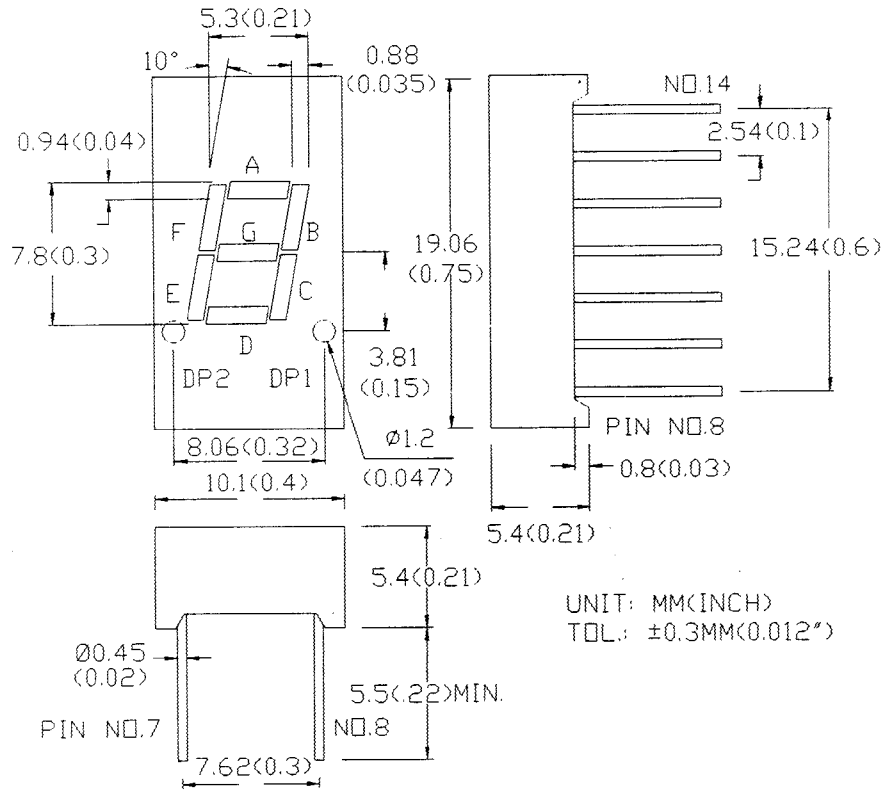
| PARAMETER | SYMBOL | MS134 | MG134 | MY134 | MO134 | UNIT | CONDITIONS |
|---|--------|-------|-------|-------|-------|------|------------|
| Forward Voltage | MAX VF | 3.0 | 3.0 | 3.0 | 3.0 | V | IF=20mA |
| Luminous Intensity | MIN IV | 320 | 1200 | 800 | 960 | μcd | IF=10mA |
| | TYP | 450 | 2100 | 1200 | 1400 | | |
| Segment to Segment Luminous Intensity Ratio | MAX | 2:1 | 2:1 | 2:1 | 2:1 | | IF=20mA |
| Reverse Current, any Segment | MAX IR | 100 | 100 | 100 | 100 | μA | VR=5V |
| Peak Wavelength | TYP λp | 700 | 570 | 585 | 630 | nm | IF=20mA |
| Spectral Line Half Width | TYP Δλ | 100 | 30 | 40 | 40 | nm | IF=20mA |



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.
 Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5

MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

