

MICRO

MS256
MG256
M0256

TWO DIGIT
0.5" DISPLAY

T-41-33

SEVEN SEGMENT NUMERIC DISPLAY

- High Performance GaP
- 0.5 Inch Character Height
- Common Anode or Common Cathode Models
- Solid State Reliability - Long Operation Life
- High Contrast
- Wide Viewing Angle

AVAILABLE IN 3 COLORS

- MS256 RED
- MG256 GREEN
- M0256 ORANGE

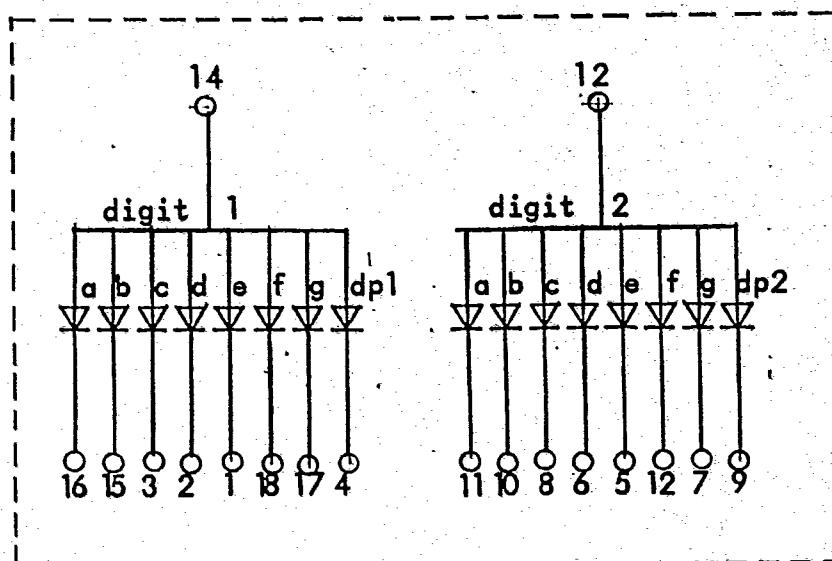
MAXIMUM RATING, PER SEGMENT ($T_a=25^{\circ}\text{C}$)

Reverse Voltage
Peak Forward Current / Segment
Continuous Forward Current / Segment
Power Dissipation
Storage Temperature Range
Operating Temperature

VR 5V
IF/Pulse* 200mA
IF/DC 20mA
PD 300mW
Tstg -20 to +85°C
Topr -20 to +85°C

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

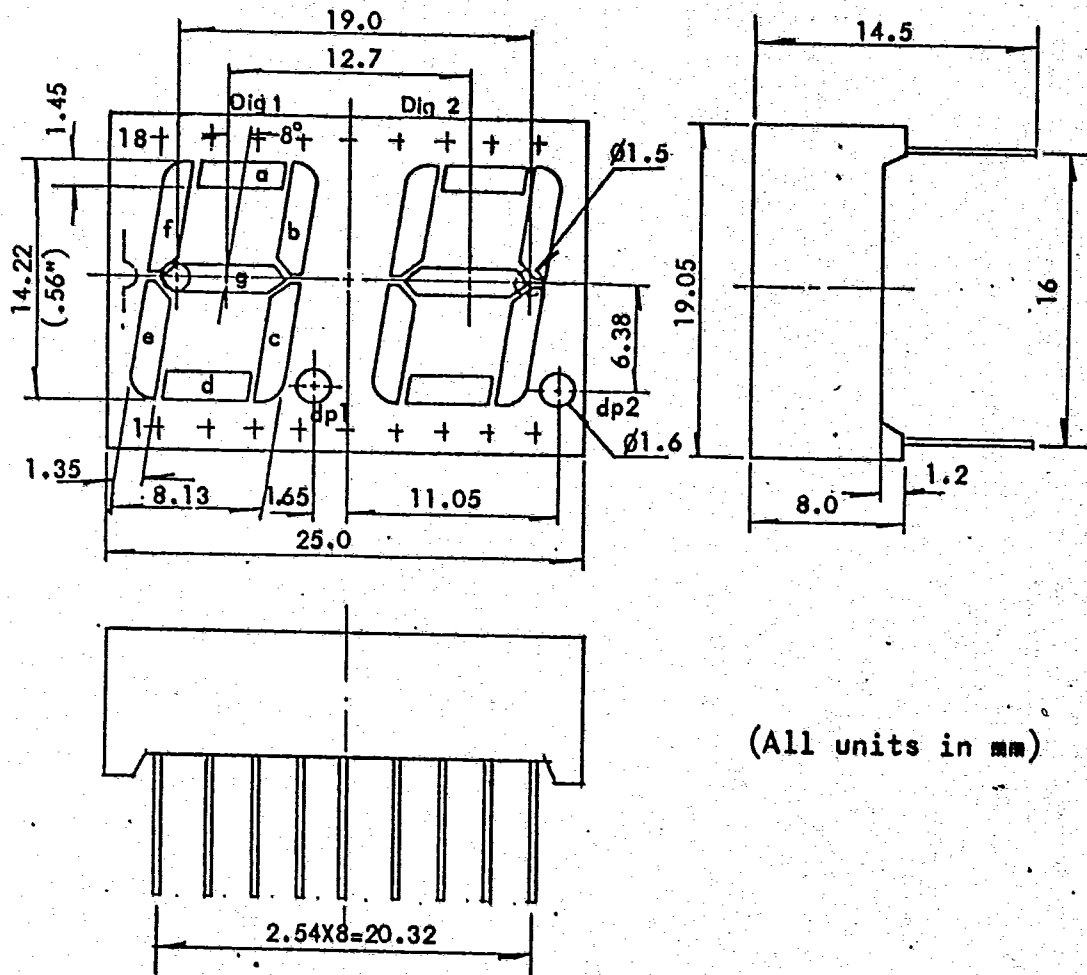
CIRCUIT DIAGRAM



MICRO ELECTRONICS LTD.

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KWUN TONG P. O. BOX 69477 CABLE ADDRESS "MICROTRON"
TEL. 3-430181-5 FAX. NO. 3-410321

MECHANICAL DIMENSIONS



CHARACTERISTICS PER SEGMENT ($T_a=25^{\circ}\text{C}$)

PARAMETER	SYMBOL	MS256	MG256	MO256	UNIT	CONDITIONS
Static Forward Voltage	VF	2.2	2.2	2.2	V	IF=20mA
Luminous Intensity	IV	600	300	1000	μcd	IF=10mA
Segment to Segment Luminous Intensity Ratio		1.5:1	1.5:1	1.5:1		IF=10mA
Wave Length At Peak Emission	λ_p	700	565	630	nm	
Spectral Half Width	$\Delta\lambda$	100	30	30	nm	