

MICRO ELECTRONICS

MS132A/C
MG132A/C
MY132A/C
MO132A/C

0.3" SINGLE DIGIT
NUMERIC DISPLAYS

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice
0.3 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MS132A, MG132A, MY132A, MO132A
Common Cathode - MS132C, MG132C, MY132C, MO132C

ABSOLUTE MAXIMUM RATINGS

	MS132	MY132	MG132 MO132	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

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

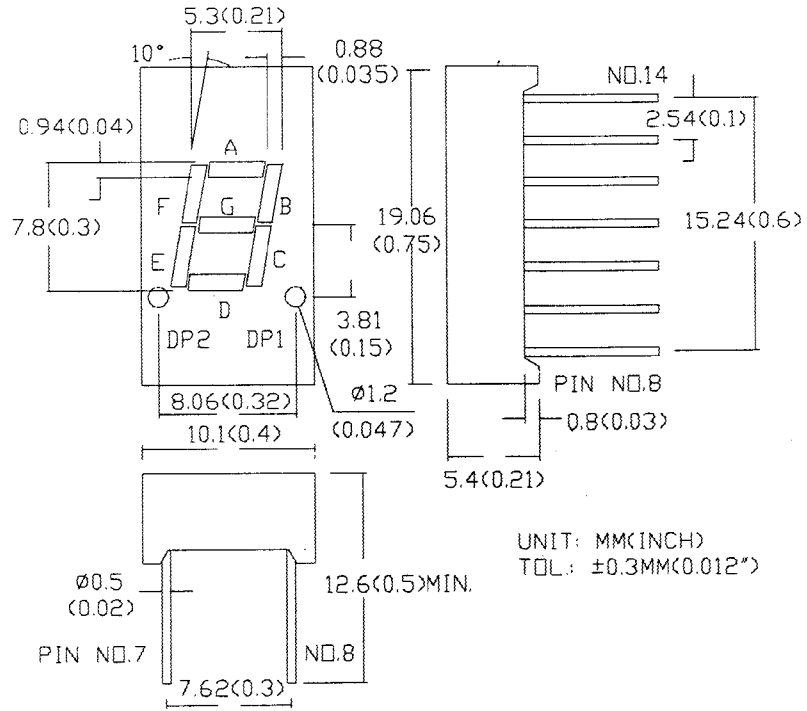
PARAMETER	SYMBOL	MS132	MG132	MY132	MO132	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	320	1200	800	960	<i>mcd</i>	IF=10mA
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=20mA
Luminous Intensity Ratio							
Peak Wavelength	TYP λp	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	100	30	35	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:

