

# 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)

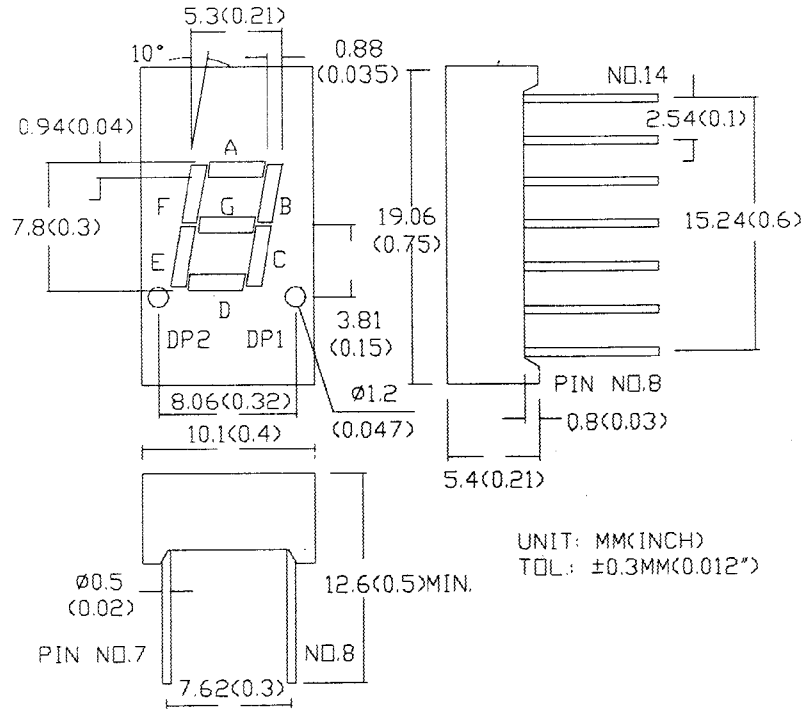
PARAMETER	SYMBOL	MS132	MG132	MY132	MO132	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	320	1200	800	960	<i>mcd</i>	IF=10mA
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=20mA
Luminous Intensity Ratio							
Peak Wavelength	TYP λp	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	100	30	35	40	nm	IF=20mA



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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

