

# MICRO ELECTRONICS

MG136A/C  
MY136A/C  
MO136A/C

0.36" SINGLE DIGIT  
NUMERIC DISPLAYS

## SEVEN SEGMENT NUMERIC DISPLAY

- High Performance GaP, GaAsP Dice
- 0.36 inch Character Height
- High Contrast
- Wide Viewing Angle
- Common Anode - MS136A, MG136A, MY136A, MO136A
- Common Cathode - MS136C, MG136C, MY136C, MO136C

## ABSOLUTE MAXIMUM RATINGS

	MS136	MY136	MG136 MO136	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.

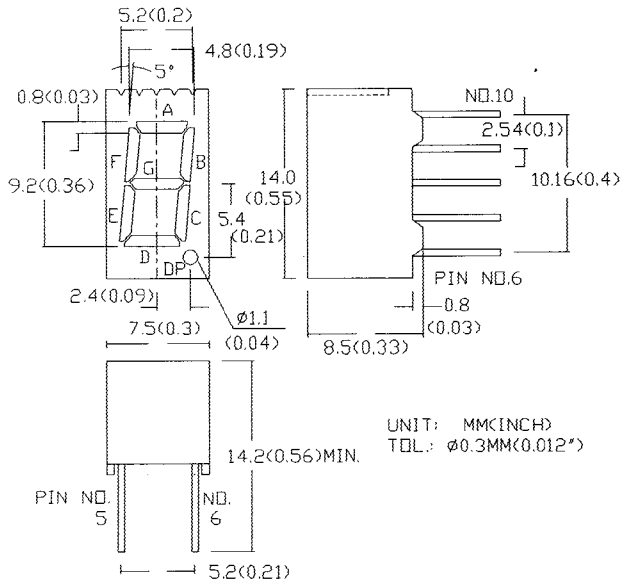
## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MS136	MG136	MY136	MO136	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	330	1200	800	1000	μcd	IF=10mA
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=20mA
Luminous Intensity Ratio							
Peak Wavelength	TYP λp	700	565	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:

