

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice
0.5 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MS251A, MG251A, MY251A, MO251A
Common Cathode - MS251C, MG251C, MY251C, MO251C

AVAILABLE IN 4 COLORS

MS251A/C	Red
MG251A/C	Green
MY251A/C	Yellow
MO251A/C	Orange

ABSOLUTE MAXIMUM RATINGS

	MS251	MY251	MG251 MO251	UNIT
Power Dissipation / Segment	45	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	-20 to +85			°C
Storage Temperature Range	-20 to +85			°C

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MS251	MG251	MY251	MO251	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	380	1400	950	1100	μcd	IF=10mA
	TYP	550	2500	1400	1600	μcd	IF=10mA
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=10mA
Luminous Intensity Ratio							
Peak Wavelength	TYP λp	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	100	30	40	40	nm	IF=20mA

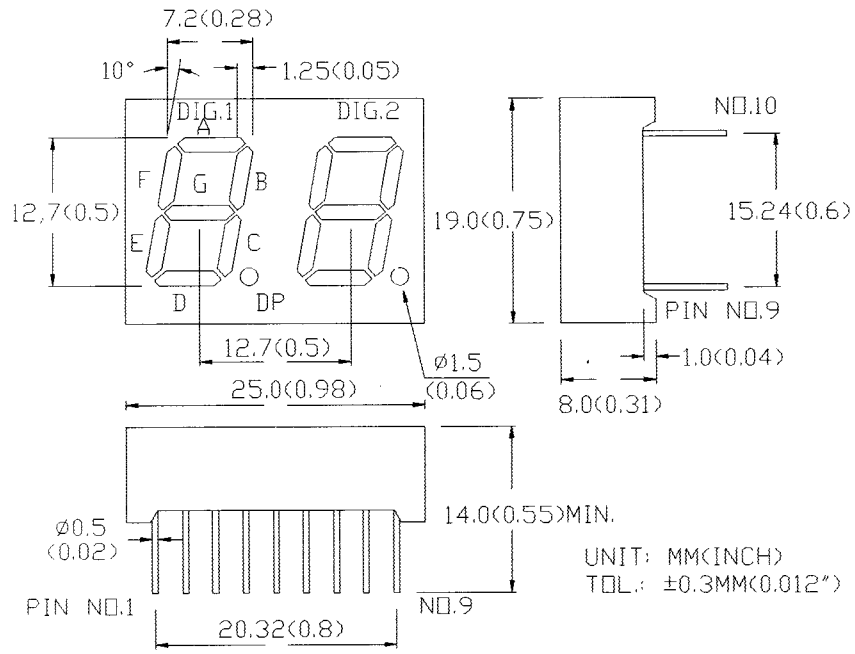


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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

