

MICRO ELECTRONICS

MS241A/C
MG241A/C
MY241A/C
MO241A/C

0.4" DUAL DIGIT
NUMERIC DISPLAYS

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice
0.4 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MS241A, MG241A, MY241A, MO241A
Common Cathode - MS241C, MG241C, MY241C, MO241C

ABSOLUTE MAXIMUM RATINGS

	MS241	MY241	MG241	MO241	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)

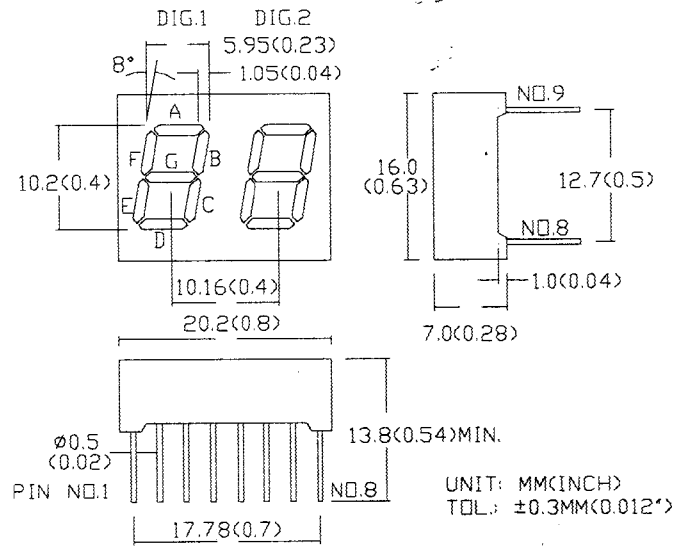
PARAMETER	SYMBOL	MS241	MG241	MY241	MO241	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	350	1300	860	1050	mcd	IF=10mA
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=20mA
Luminous Intensity Ratio							
Peak Wavelength	TYP λp	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	100	30	35	40	nm	IF=20mA



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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

