

# 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

Power Dissipation / Segment

Peak Forward Current / Segment

Continuous Forward Current / Segment

Reverse Voltage / Segment

Operating Temperature Range

Storage Temperature Range

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

	MG241			UNIT
	MS241	MY241	MO241	
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

## 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	$\lambda_p$	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	100	30	35	40	nm	IF=20mA

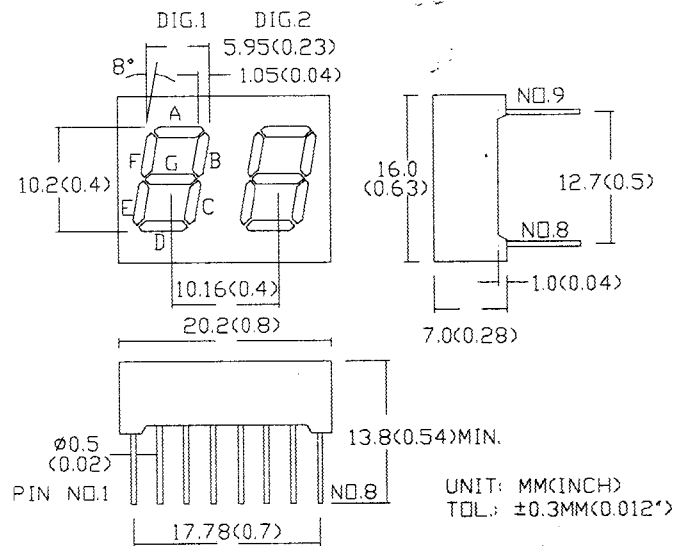


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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

