

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice

0.4 inch Character Height

High Contrast

Wide Viewing Angle

Common Anode - MS141A, MG141A, MY141A, MO141A

Common Cathode - MS141C, MG141C, MY141C, MO141C

ABSOLUTE MAXIMUM RATINGS

	MS141	MY141	MG141 MO141	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	MS141	MG141	MY141	MO141	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	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

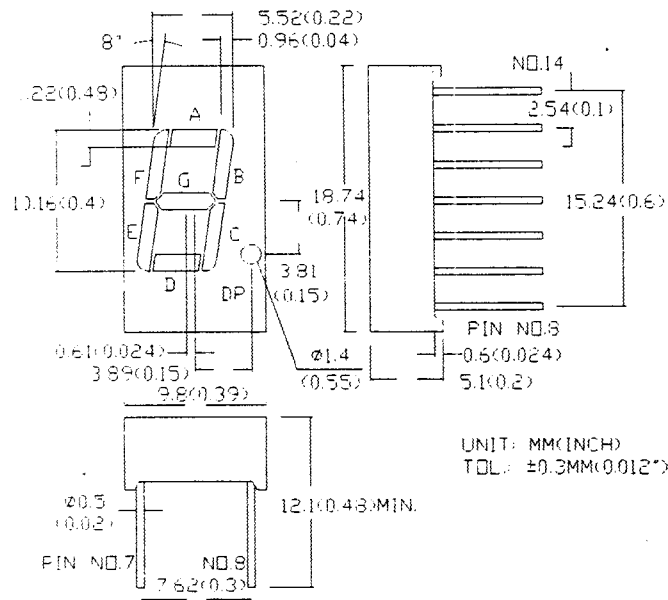


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MECHANICAL OUTLINE



CIRCUIT DIAGRAM

