

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice

0.3 inch Character Height

High Contrast

Wide Viewing Angle

Common Anode - MS134A, MG134A, MY134A, MO134A

Common Cathode - MS134C, MG134C, MY134C, MO134C

ABSOLUTE MAXIMUM RATINGS

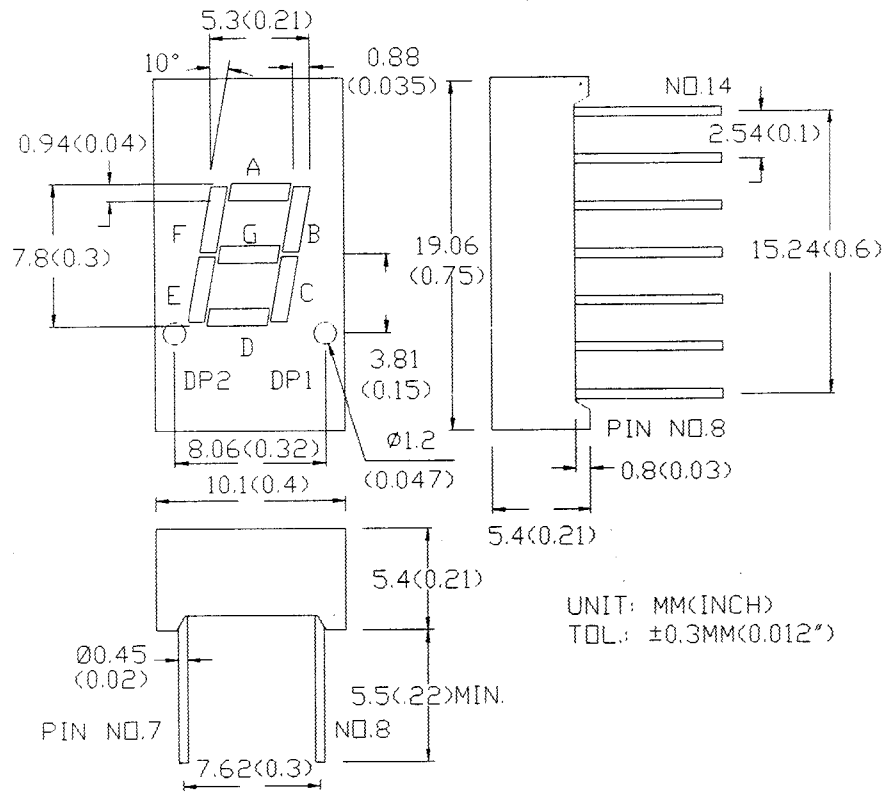
	MS134	MY134	MG134 MO134	UNIT
Power Dissipation / Segment	40	60	75	mW
Peak Forward Current / Segment	60	80	100	mA
Continuous Forward Current / Segment	15	20	25	mA
Reverse Voltage / Segment	5	5	5	V
Operating Temperature Range	-25 to +85			°C
Storage Temperature Range	-25 to +85			°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.			

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MS134	MG134	MY134	MO134	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	320	1200	800	960	μcd	IF=10mA
	TYP	450	2100	1200	1400		
Segment to Segment	MAX	2:1	2:1	2:1	2:1		IF=20mA
Luminous Intensity Ratio							
Reverse Current, any Segment	MAX IR	100	100	100	100	μA	VR=5V
Peak Wavelength	TYP λp	700	570	585	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	100	30	40	40	nm	IF=20mA

MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

