MICRO ELECTRONICS

MY134A/C
MO134A/C

0.3" SINGLE DIGIT
NUMERIC DISPLAYS

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.			

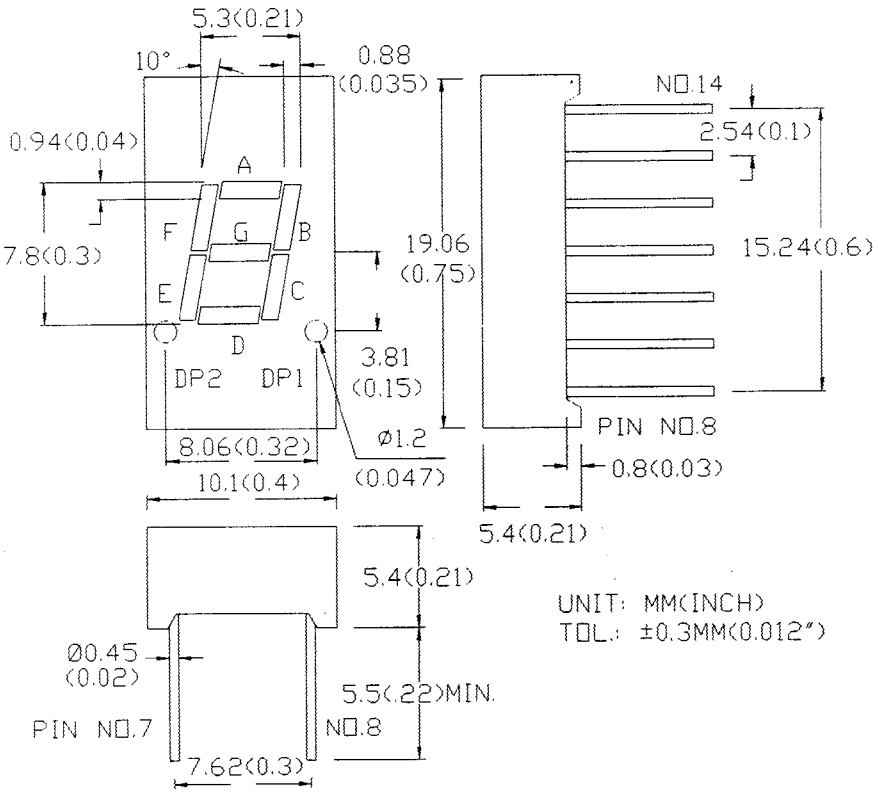
* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

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 Luminous Intensity Ratio	MAX		2:1	2:1	2:1	2:1		IF=20mA
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

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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

