

## SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP, GaAsP Dice

0.56 inch Character Height

High Contrast

Wide Viewing Angle

Common Anode - MS356A, MG356A, MY356A, MO356A

Common Cathode - MS356C, MG356C, MY356C, MO356C

## ABSOLUTE MAXIMUM RATINGS

	MS356	MY356	MG356 MO356	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

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

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MS356	MG356	MY356	MO356	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	400	1500	1000	1200	$\mu$ cd	IF=10mA
Reverse Current	MAX IR	100	100	100	1100	$\mu$ A	VR=5V
Segment to Segment Luminous Intensity Ratio	MAX	2:1	2:1	2:1	2:1		IF=20mA
Peak Wavelength	TYP $\lambda_p$	700	565	585	630	nm	IF=20mA
Spectral Line Half Width	TYP $\Delta\lambda$	100	30	35	40	nm	IF=20mA



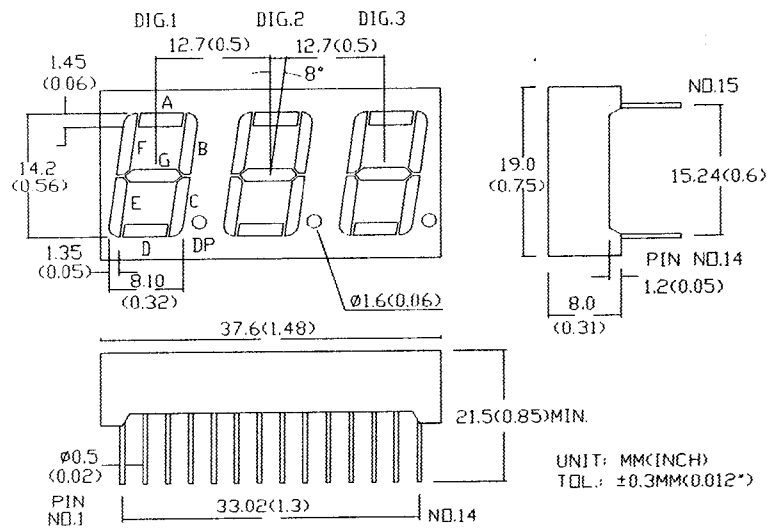
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# MECHANICAL OUTLINE:



# CIRCUIT DIAGRAM:

