MICRO ELECTRONICS

MY356A/C
MO356A/C

0.56" THREE DIGIT
NUMERIC DISPLAYS

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

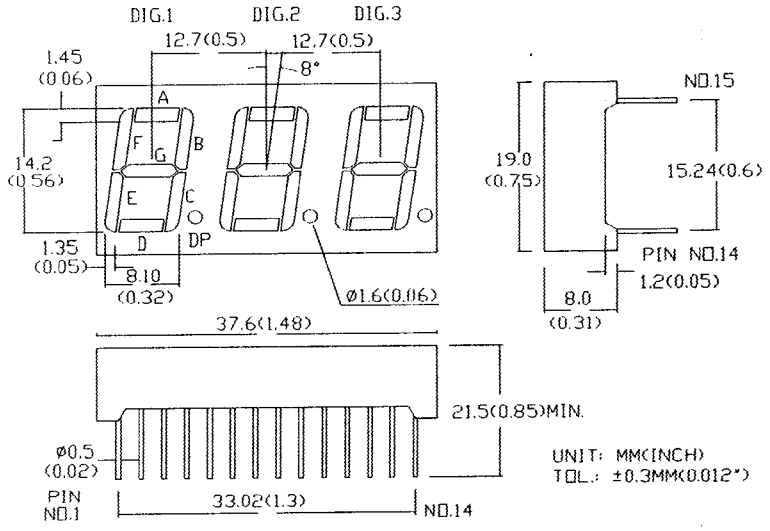
* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

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	μcd	IF=10mA
Reverse Current	MAX	IR	100	100	100	1100	μA	VR=5V
Segment to Segment Luminous Intensity Ratio	MAX		2:1	2:1	2:1	2:1		IF=20mA
Peak Wavelength	TYP	λρ	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:

