SEVEN SEGMENT NUMERIC DISPLAY

High efficiency AlGaInP Super Yellow LED Chip.
0.56 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MY256A-X
Common Cathode - MY256C-X

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Power Dissipation / Segment	90mW
Peak Forward Current / Segment	200mA
Continuous Forward Current / Segment	30mA
Reverse Voltage / Segment	5V
Operating Temperature Range	-20 to +85°C
Storage Temperature Range	-20 to +85°C

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C) / segment

PARAMETER		SYMBOL	MY256A/C-1	MY256A/C-2	MY256A/C-3	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN	IV	6.5	10	15	mcd	IF=10mA
	TYP		10	15	20		
Segment to Segment Luminous Intensity Ratio	MAX		2:1	2:1	2:1		IF=20mA
Reverse Current	MAX	IR	100	100	100	μA	VR=5V
Peak Wavelength	TYP	λρ	595	595	595	nm	IF=20mA
Spectral Line Half Width	TYP	Δλ	15	15	15	nm	IF=20mA

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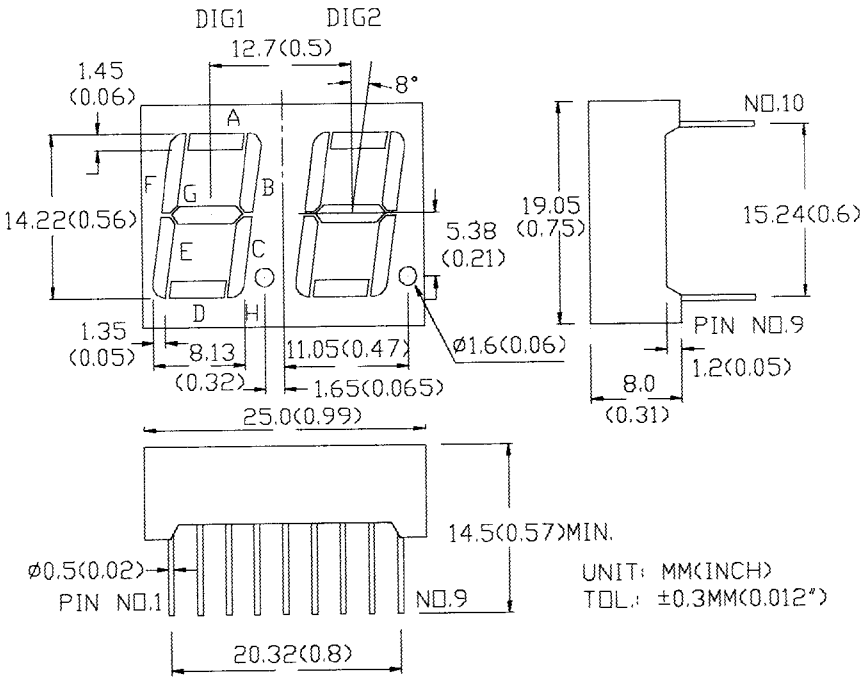
Mar-99

MY256A/C-X

MECHANICAL OUTLINE:



CIRCUIT DIAGRAM: