MICRO ELECTRONICS

MU13001C

3" SINGLE DIGIT NUMBERIC DISPLAYS

SEVEN SEGMENT NUMERIC DISPLAY

Ultra high brightness red GaAlAs
3 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MU13001A
Common Cathode - MU13001C

ABSOLUTE MAXIMUM RATINGS

Power Dissipation / Segment	435mW
Peak Forward Current / Segment	200mA
Continuous Forward Current / Segment	30mA
Reverse Voltage / Segment	5V
Operating Temperature Range	-25 to +80°C
Storage Temperature Range	-20 to +75°C

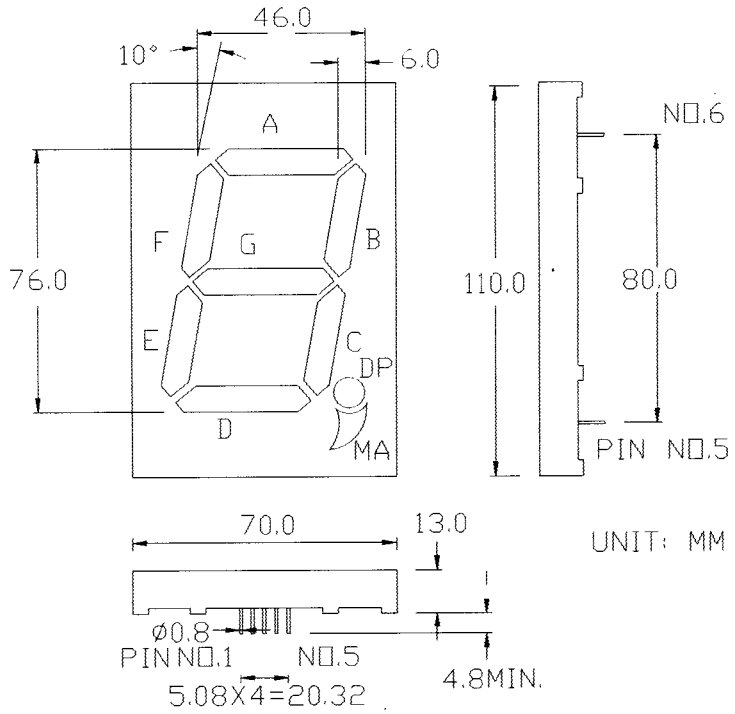
* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		10.8	14.4	V	IF=20mA
(DP & COMMA)			3.6	4.8	V	IF=20mA
Luminous Intensity	IV	30	60		mcd	IF=10mA
Segment to Segment Luminous Intensity Ratio				2:1		IF=20mA
Peak Wavelength	λρ		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA

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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

