

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP/GaAsP
0.3 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MR231A
Common Cathode - MR231C

ABSOLUTE MAXIMUM RATINGS

Power Dissipation / Segment	80mW
Peak Forward Current / Segment	160mA
Continuous Forward Current / Segment	40mA
Reverse Voltage / Segment	5V
Operating Temperature Range	-25 to +85°C
Storage Temperature Range	-25 to +85°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			2.0	V	IF=20mA
Luminous Intensity	IV	150	200		μcd	IF=10mA
Segment to Segment Luminous Intensity Ratio				2:1		IF=20mA
Peak Wavelength	λp		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA



MICRO ELECTRONICS LTD.

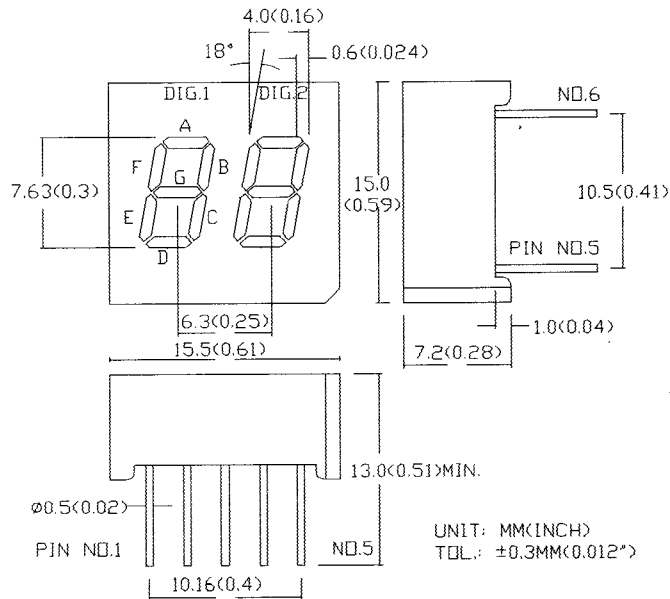
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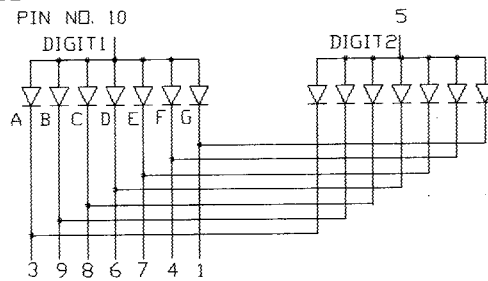
MR231 A/C

MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

(A) COMMON ANODE
PIN NO. 10



(B) COMMON CATHODE
PIN NO. 10

