MICRO ELECTRONICS

MG456FA-GD
MG456FC-GD

GREEN
0.56" FOUR DIGIT
NUMERIC DISPLAYS

SEVEN SEGMENT NUMERIC DISPLAY

High Performance GaP/GaP green LED Dice
0.56 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MG456FA-GD
Common Cathode - MG456FC-GD

ABSOLUTE MAXIMUM RATINGS

Power Dissipation / Segment	Pd	75mW
Peak Forward Current / Segment	IF/Pulse*	100mA
Continuous Forward Current / Segment	IF/DC	25mA
Reverse Voltage / Segment	VR	5V
Operating Temperature Range	Tstg	-25 to +85°C
Storage Temperature Range	Topr	-25 to +85°C

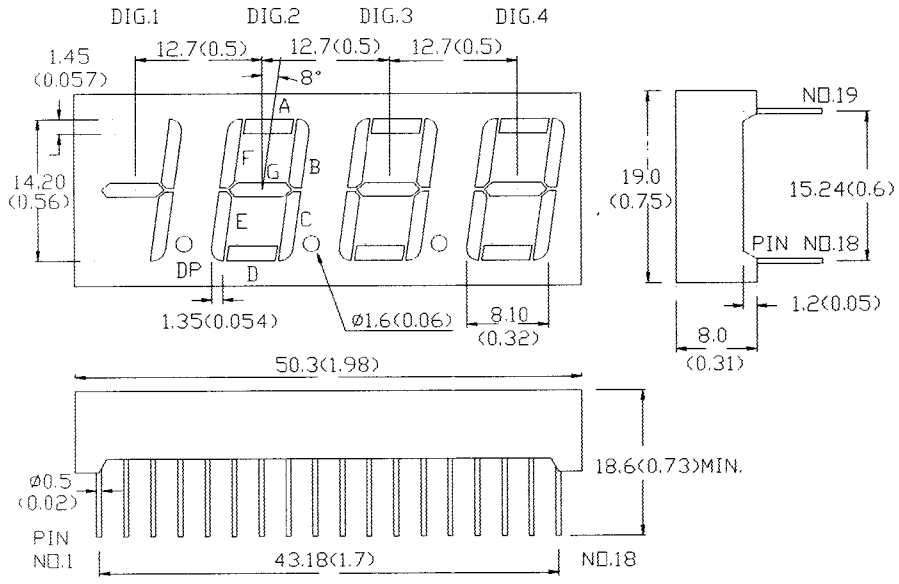
* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.2	3.0	V	IF=20mA
Luminous Intensity	IV	500	1000		μcd	IF=10mA
Reverse Current Any Bar	IR			100	μA	VR=5V
Segment to Segment Luminous Intensity Ratio				2:1		IF=10mA
Peak Wavelength	λρ		570		nm	IF=20mA
Spectral Line Half Width	Δλ		30		nm	IF=20mA

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MECHANICAL OUTLINE:



CIRCUIT DIAGRAM:

