

SEVEN SEGMENT NUMERIC DISPLAY

Low Current GaAlAs Red LED Dice
0.36 inch Character Height
High Contrast
Wide Viewing Angle
Common Anode - MU136A-NP
Common Cathode - MU136C-NP

ABSOLUTE MAXIMUM RATINGS

Power Dissipation / Segment	50mW
Peak Forward Current / Segment*	200mA
Continuous Forward Current / Segment	20mA
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=1mA
Luminous Intensity	IV	320	400		μcd	IF=1mA
Segment to Segment Luminous Intensity Ratio				2:1		IF=1mA
Reverse Current	VR			100	μA	VR=5V
Peak Wavelength	λp		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA



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Jun-98

5.2(0.2)
4.8(0.19)
5°
0.8(0.03)
9.2(0.36)
14.0(0.55)
5.4(0.21)
2.4(0.09)
7.5(0.3)
Ø1.1(0.04)
14.2(0.56) MIN
5.2(0.21)
PIN NO. 5
NO. 6
8.5(0.33)
0.8(0.03)
PIN NO. 6
10.16(0.4)
2.54(0.1)
NO. 10
UNIT: MM(INCH)
TOL: Ø0.3MM(0.012")