

FEATURE

High Performance Green GaP Dice
10mm Character Height
High Contrast
Wide Viewing Angle
Common Anode

ABSOLUTE MAXIMUM RATINGS(Ta=25°C)

Power Dissipation /Segment	Pd	100mW
Peak Forward Current / Segment	I _F /Pulse*	200mA
Continuous Forward Current / Segment	I _F /DC	30mA
Reverse Voltage /Segment	V _R	5V
Operating Temperature Range	Topr	-20 to +80°C
Storage Temperature Range	Tstg	-25 to +85°C

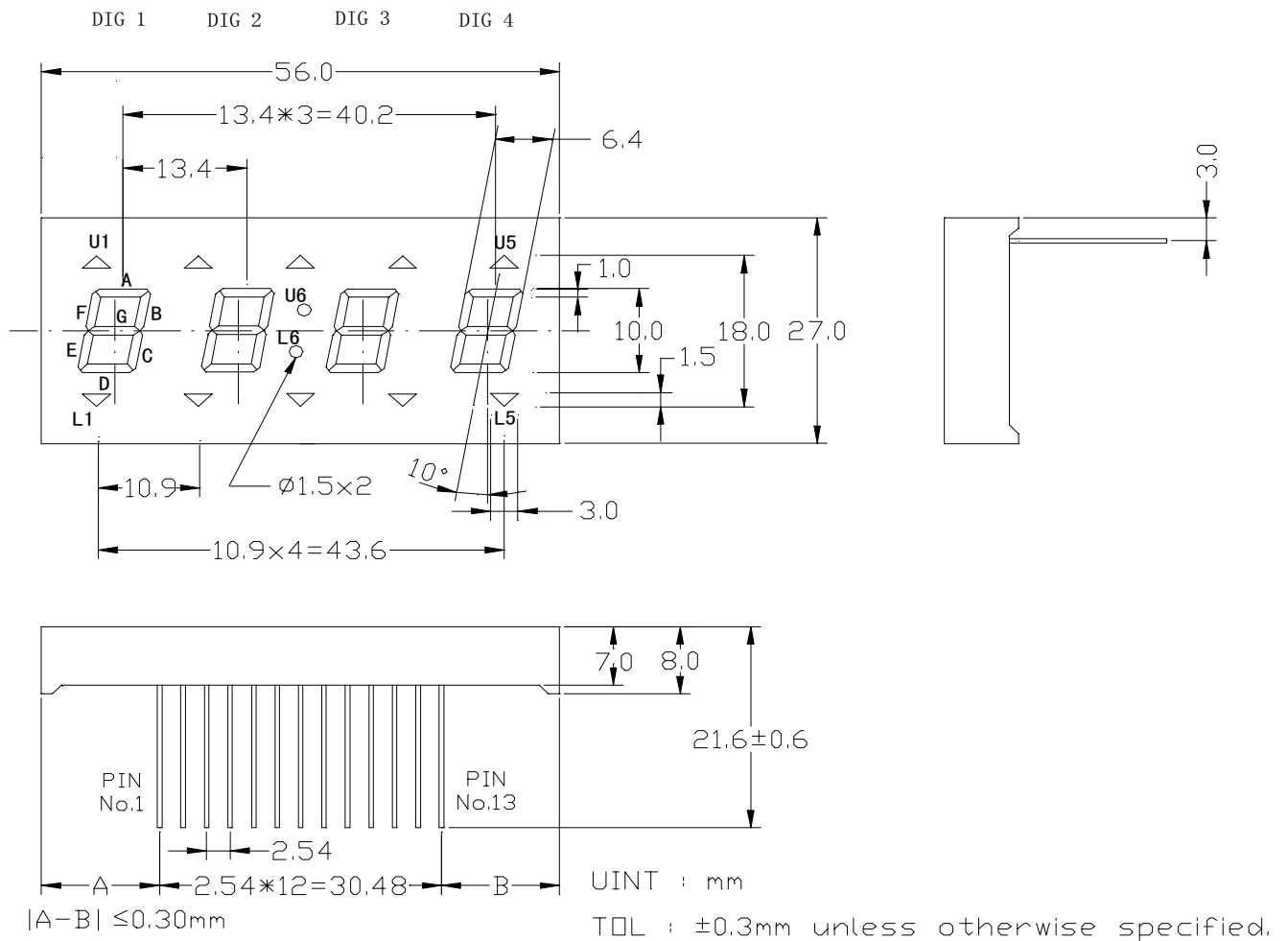
*Note : Pulse Width=1mS , Duty Ratio=1/10 .

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V _F		2.2	3.0	V	I _F =20mA
Luminous Intensity	I _V	1.0	1.5		mcd	I _F =10mA
Segment to Segment Luminous Intensity Ratio				2:1		I _F =20mA
Peak Wavelength	λ _p		565		nm	I _F =20mA
Spectral Line Half Width	Δλ		30		nm	I _F =20mA



SMC-E22E/E30H-GND

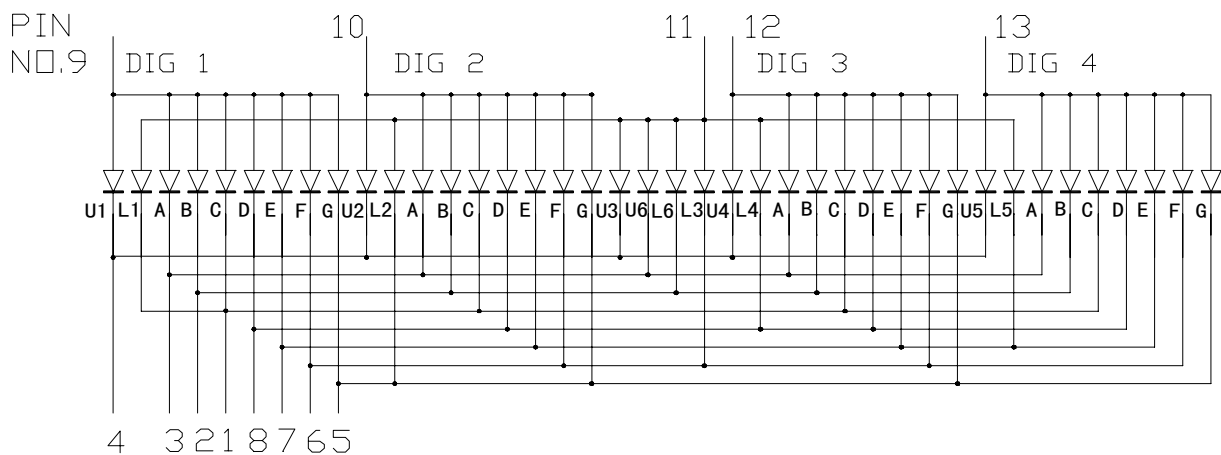


CIRCUIT DIAGRAM:

UINT : mm

TOL : $\pm 0.3\text{mm}$ unless otherwise specified.

CIRCUIT DIAGRAM:



REV:B

2/2/2005

2/2