

# MICRO ELECTRONICS

SMC-E22E/  
E30S-GNE

10mm,4 DIGIT  
INDICATOR  
DISPLAY

## 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 <sub>F</sub> /Pulse*	200mA
Continuous Forward Current / Segment	I <sub>F</sub> /DC	30mA
Reverse Voltage /Segment	V <sub>R</sub>	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 <sub>F</sub>		2.2	3.0	V	I <sub>F</sub> =20mA
Luminous Intensity	I <sub>V</sub>	1.0	1.3		mcd	I <sub>F</sub> =10mA
Segment to Segment Luminous Intensity Ratio				2:1		I <sub>F</sub> =20mA
Peak Wavelength	λ <sub>p</sub>		565		nm	I <sub>F</sub> =20mA
Spectral Line Half Width	Δλ		30		nm	I <sub>F</sub> =20mA

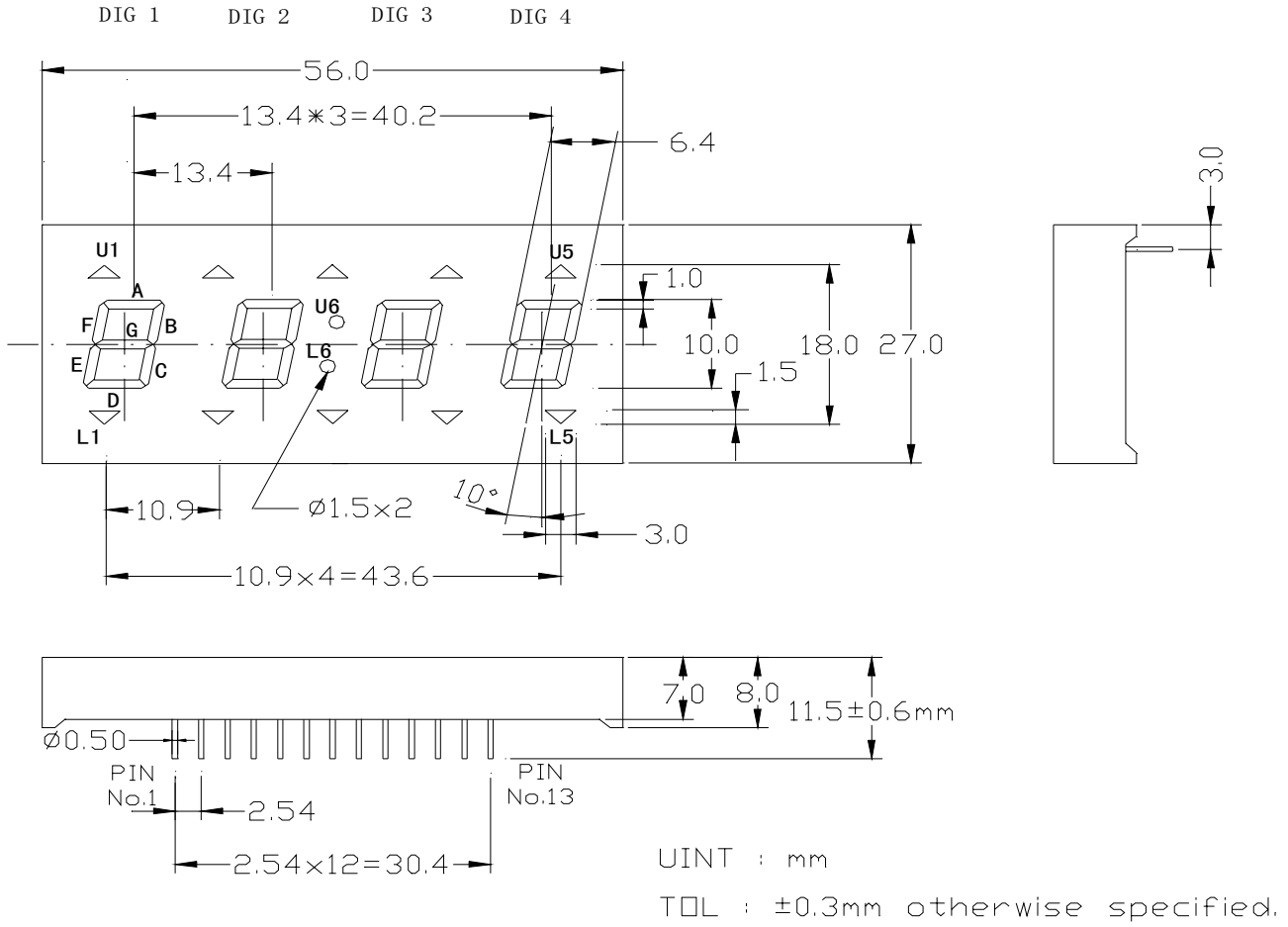


MICRO ELECTRONICS LTD. 美科有限公司  
7/F, Enterprise Square Three, 39 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong.  
TEL: (852) 23430181 FAX: (852) 23410321  
HOMEPAGE: <http://www.microelectr.com.hk>

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MECHANICAL DIMENSIONS:



CIRCUIT DIAGRAM:

