

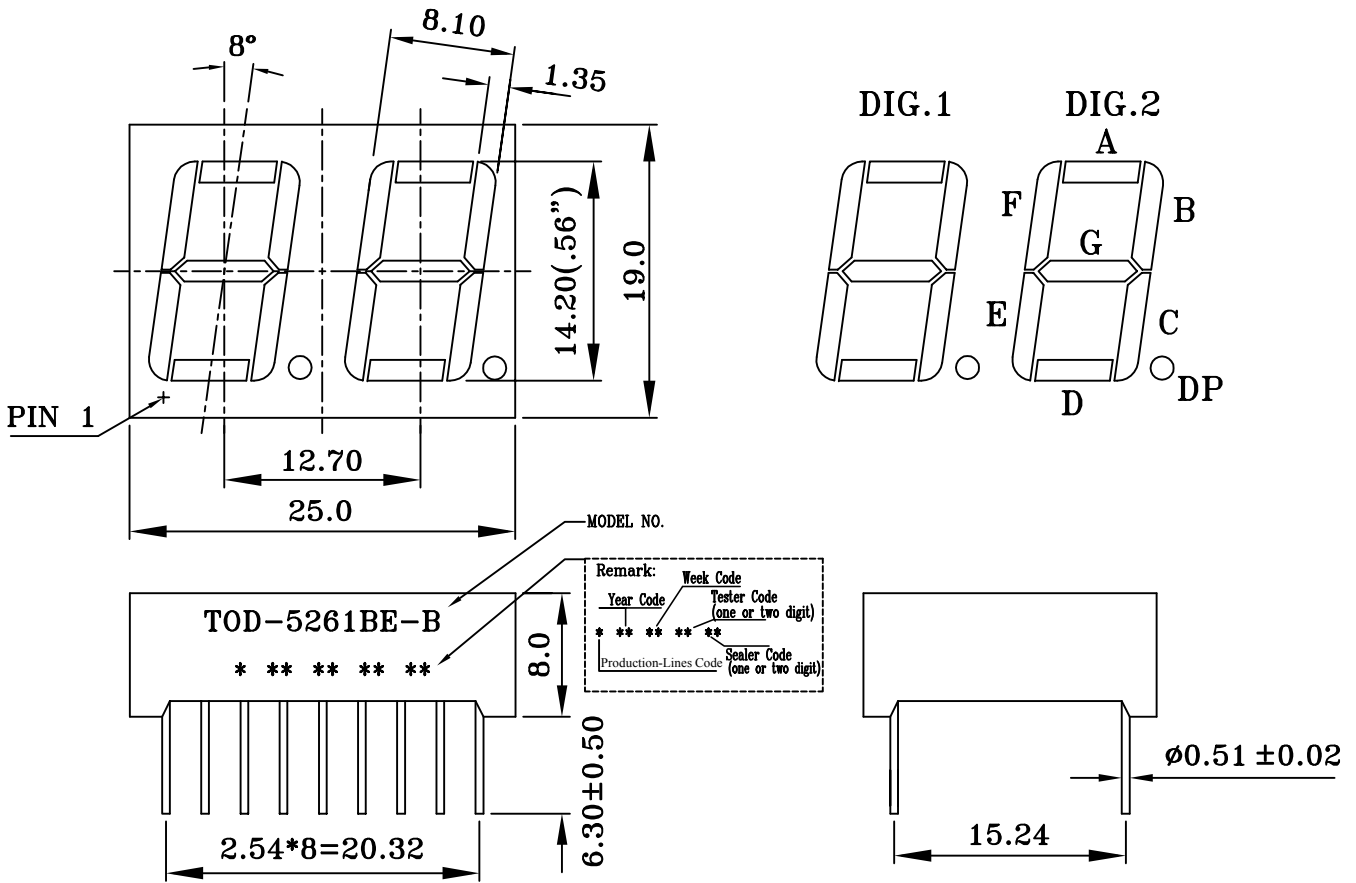


# TAIWAN OASIS LED DATA SHEET

PART NO. : TOD-5261BE-B

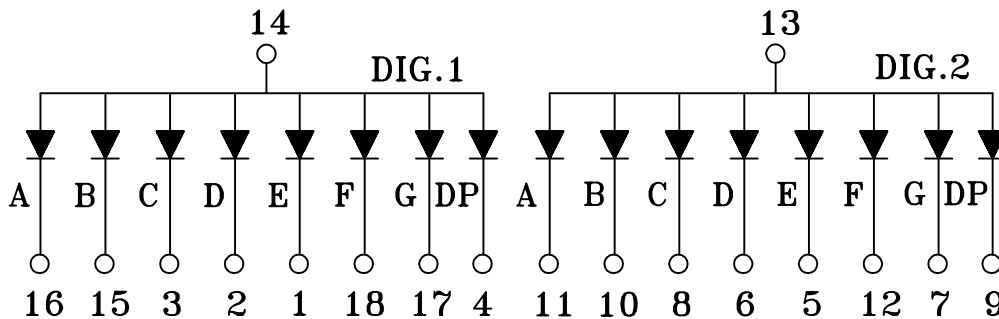
APPEARANCE			TECHNOLOGIE	GaAsP/GaP
FACE	SEGMENT	PIN	SOURCE COLOR	Orange
Black	White	ø0.51x10.28	DRIVER MODE	Com. Anode
			PACKING	"ML" Plastic Box

## PACKAGE DIMENSIONS



NORMAL TOLERANCE: ±0.25 ANGLE: ±1°

## INTERNAL CIRCUIT DIAGRAM



DATE	07/09/07'	SCALE	2:1	DRAWING NO.	S-5261BE-B-A	DRAWN	L.D.Y	CHECKED	
UNIT	M/M	SHEET NO.	1/2			CUSTOMER		APPROVED	



# TAIWAN OASIS LED DATA SHEET

PART NO. : TOD-5261BE-B

ABSOLUTE MAXIMUM RATINGS AT TA=25°C

PARAMETER	VALUE	UNITS
Power Dissipation Per Segment	75	mW
Peak Forward Current Per Segment (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Continuous Forward Current Per Segment	20	mA
Recommend Operating Current	12	mA
Reverse Voltage Per Segment	5	V
Operating Temperature Range	-25 to +85	°C
Storage Temperature Range	-30 to +85	°C
Junction Temperature	>85	°C
Lead Free Solder Temperature(1/16 Inch Below Seating Plane)	260°C for 3 sec.	

ELECTRICAL/OPTICAL CHARACTERISTICS AT TA=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNITS	TEST CONDITION
Luminous Intensity Per Segment	I <sub>v</sub>	2501	4113		μcd	I <sub>F</sub> = 10mA
Peak Emission Wavelength	λ <sub>p</sub>		630		nm	I <sub>F</sub> = 20mA
Spectral Line Half-Width	Δλ		35		nm	I <sub>F</sub> = 20mA
Forward Voltage Per Segment	V <sub>F</sub>	1.8	2.1	2.4	V	I <sub>F</sub> = 20mA
Reverse Current Per Segment	I <sub>R</sub>			20	μA	V <sub>R</sub> = 5V
Luminous Intensity Matching Rate	I <sub>v</sub> -m			1.5:1		I <sub>F</sub> = 20mA

Note: Above specification may be changed without notice.

DATE	07/09/07'	SCALE	———	DRAWING NO.	S-5261BE-B-A	DRAWN	L.D.Y	CHECKED	
UNIT	———	SHEET NO.	2/2			CUSTOMER		APPROVED	