

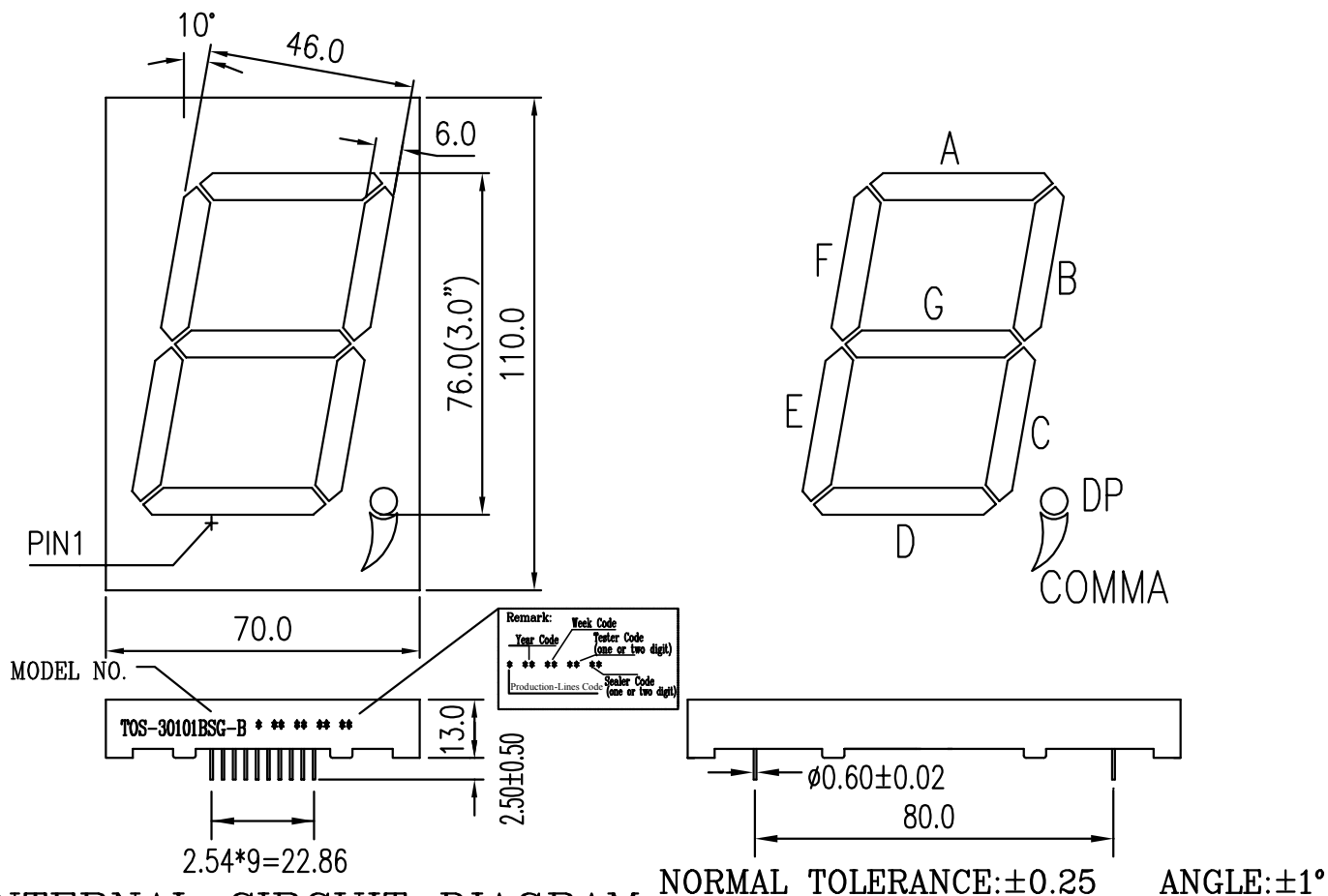


TAIWAN OASIS LED DATA SHEET

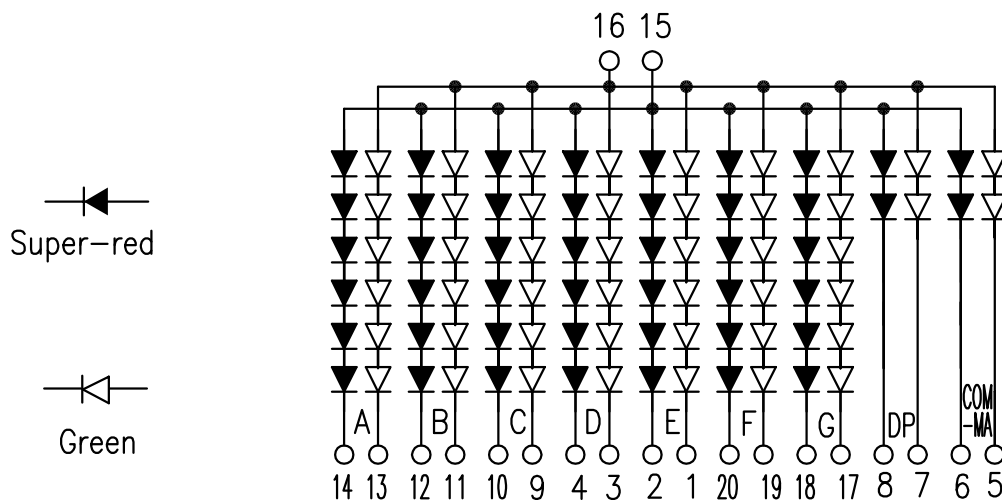
PART NO. : TOS-30101BSG-B

APPEARANCE			TECHNOLOGY	GaAlAs/GaAs	GaP
FACE	SEGMENT	PIN	SOURCE COLOR	Super-red	Green
Black	White	ø0.60x10.28	DRIVER MODE	Com.Anode	
			PACKING	Styrene Foam	

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



DATE	07/09/07'	SCALE	0.6:1	DRAWING NO.	S-30101BSG-B-A	DRAWN	W.F.H	CHECKED	
UNIT	M/M	SHEET NO.	1/2			CUSTOMER	ESO17	APPROVED	



TAIWAN OASIS LED DATA SHEET

PART NO: TOS-30101BSG-B

Color of Emission	MultiColor	
Color Code	S	G
Packing	Styrene foam	
Technologie	GaAlAs/GaAs	Gap
Segment To Segment Luminous Intensity Ratio	<1.5:1	
Peak Emission Wavelength at I _F 20mA	660nm	570nm
Spectral Line Half Width at I _F 20mA	20nm	30nm
Forward Voltage V _F @20mA	10.2 ~ 12V	11.4 ~ 15.0V
Forward Voltage V _F @20mA(Dp,COMMA)	3.4 ~ 4.0V	3.8 ~ 5.0V
Forward Current 25°C (Max.)	20mA	20mA
Forward Current 70°C (Max.)	12mA	12mA
Peak Forward Current	80mA/0.1mS	80mA/0.1mS
Reverse Voltage/Segment(Except DP)	>30V	
Power dissipation/Segment (Max.)	360mW	360mW
Reverse Current I _R (V _R 30V)	<20μA	
Operating Temp Range	-25°C ~ +85°C	
Storage Temp Range	-30°C ~ +85°C	
Junction Temp T _j	>85°C	
Solder Temp	260°C/3sec	
Recommend Operating Current	12mA	12mA

Notes: Above specification may be changed without notice.

DATE	07/09/07'	SCALE	_____	DRAWING NO.	S-30101BSG-B-A	DRAWN	W.F.H	CHECKED	
UNIT	_____	SHEET NO.	2/2			CUSTOMER	ES017	APPROVED	