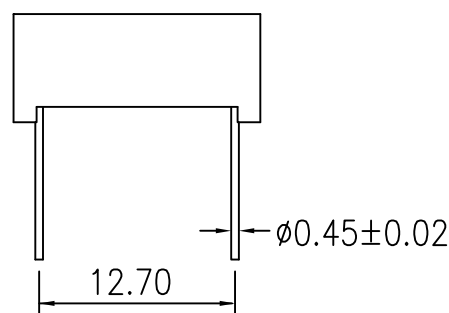
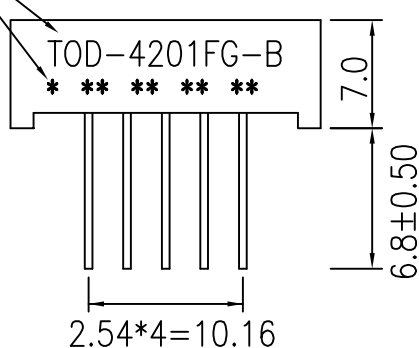
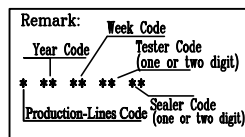
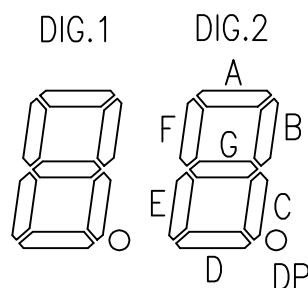




APPEARANCE			TECHNOLOGIE	GaP
FACE	SEGMENT	PIN	SOURCE COLOR	Green
			DRIVER MODE	Com. Anode
Black	White	ø0.45x10.28	PACKING	"ML" Plastic Box

[illegible]

NORMAL TOLERANCE:±0.25 ANGLE:±1°

DATE	06/27/07'	SCALE	2:1	DRAWING NO.	S-4201FG-B-A	DRAWN	X.L	CHECKED	
UNIT	M/M	SHEET NO.	1/2			CUSTOMER		APPROVED	



TAIWAN OASIS LED DATA SHEET

PART NO. : TOD-4201FG-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 _v		3000		μcd	I _F =10mA
Peak Emission Wavelength	λ _p		570		nm	I _F =20mA
Spectral Line Half-Width	Δλ		30		nm	I _F =20mA
Forward Voltage Per Segment	V _F	1.9	2.2	2.5	V	I _F =20mA
Reverse Current Per Segment	I _R			20	μA	V _R =5V
Luminous Intensity Matching Rate	I _v -m			1.5:1		I _F =20mA

Notes: Above specification may be changed without notice.

DATE	06/27/07'	SCALE	_____	DRAWING NO.	S-4201FG-B-A	DRAWN	X.L	CHECKED	
UNIT	_____	SHEET NO.	2/2			CUSTOMER		APPROVED	