

SPECIFICATION

CUSTOMER	
PRODUCT P/N	UDDD-T020801-AYSGW
TYPE	0.8" two digits display yellow common anode grey background / white segment

■ RECORD OF REVISION

Version	Date	Page	Description
0.0	2010/02/02	All	New document

■ FEATURES

Connecting Form : Common anode

Lighting Color : Yellow

■ ELECTRICAL OPTICAL CHARACTERISTICS (Ta = 25°C):

Parameter	Symbol	Min	Type	Max	Unt	Test Condition
Luminous Intensity	IV	17		26	mcd/cm ²	IF=10mA
Peak Wavelength	λ_p				nm	IF=20mA
Wavelength	λ_d	588		590	nm	IF=20mA
Spectrum Line Half-Width	$\Delta \lambda$				nm	IF=20mA
Forward Voltage	Vf	1.9	2.1	2.5	V	IF=20mA
Reverse Current	IR			100	uA	VR=5V
Suggestion Forward Current	IF	3	5-10	20	mA	IF=20mA

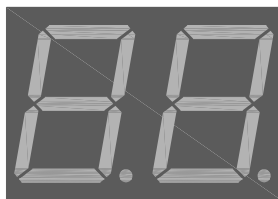
■ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Rating	Unit
Reverse Voltage	5	V
Power Dissipation Per Dice	50	mW/chip
Operating Temperature Ranger	-40~+85	°C
Storage Humidity	45%~85%	RH
Storage Temperature Ranger	-40~+95	°C
Soldering Temperature	260±5°C For 3 Seconds	
Peak IF(ma) (1/10Duty Cycle 0.1ms Pulse Width)	100	mA/chip
Continuous Forward Current	20	mA/chip

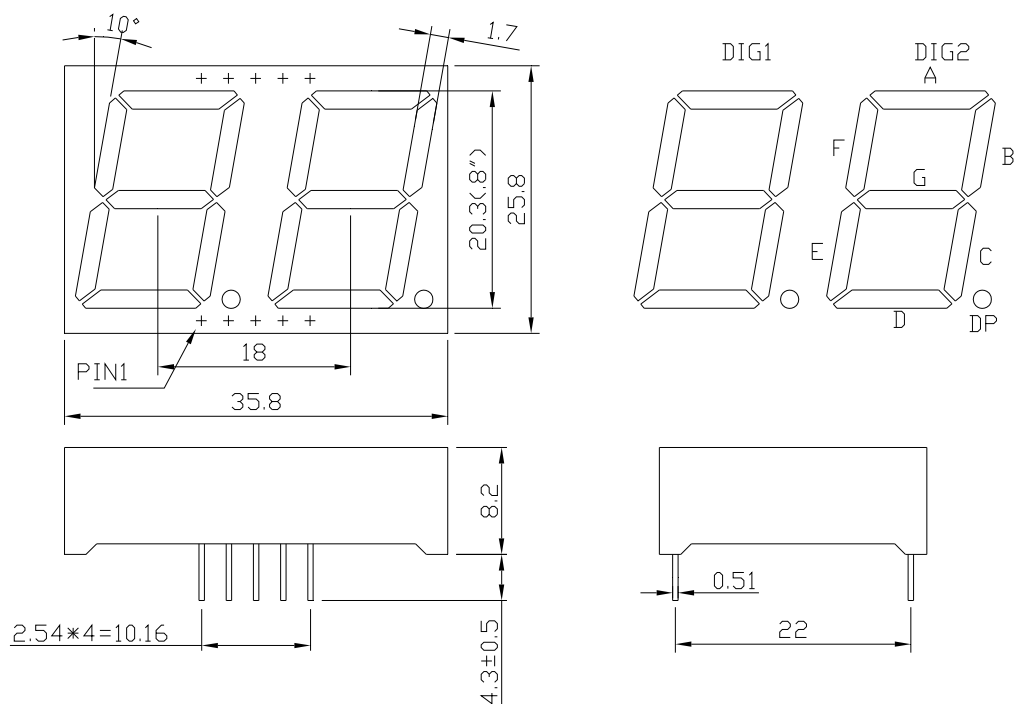
■ SUGGESTED WAY OF USAGE

When using LED it's circuit adopts current limiting with DC current about 5 ~ 10mA, not more than 20mA at maximum

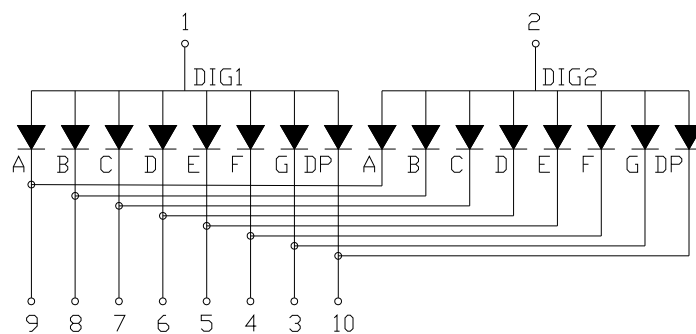
FRONT VIEW



PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM



Notes:

- All dimensions are in millimeters (inches)
- Tolerance are $\pm 0.25\text{mm}(0.01")$ unless otherwise noted