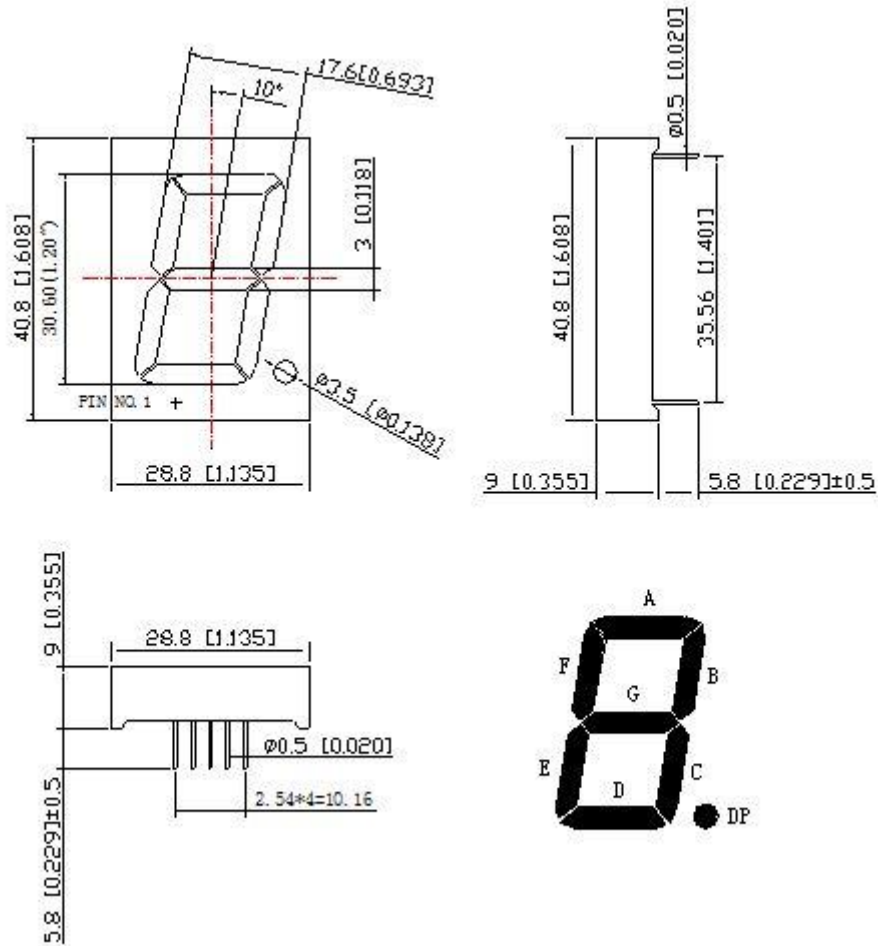


# Datasheet

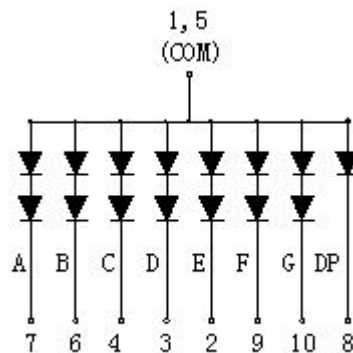
Item no. 1618979 / 1618978 / 1618977

## 1.2" Single Digit Numeric Displays Common Anode

### Package Dimension:



Common Anode



### Notes:

All dimensions are in millimeters (inches).  
 Tolerance is  $\pm 0.25$  mm (.010") unless otherwise noted.  
 Specifications are subject to change without notice.

# Datasheet

Item no. 1618979 / 1618978 / 1618977

## Absolute Maximum Ratings at Ta=25°C

Parameters	Symbol	Max.	Unit
Power Dissipation Per Segment	PD	60	mW
Peak Forward Current Per Segment (1/10 Duty Cycle, 0.1ms Pulse Width)	IFP	100	mA
Forward Current Per Segment	IF	25	mA
Dating Linear From 50°C		0.4	mA/°C
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-40°C to +80°C	
Storage Temperature Range	Tstg	-40°C to +85°C	
Soldering Temperature	Tsld	260°C for 5 Seconds	

## Electrical Optical Characteristics at Ta=25°C

Source Color	Model No.	VF(V)			IR(μA)		IV(mcd)		λd(nm)			
		Min.	Typ.	Max.			Min.	Typ.	Max.	Min.	Typ.	Max.
		IF=20mA			VR=5V		IF=20mA					
<b>Red</b>	TRU-7S1-120RAG	--	2.0	2.6	50	6	12	--	640	650	660	
<b>Yellow Green</b>	TRU-7S1-120GAG	--	2.1	2.7	50	10	20	--	568	572	575	
<b>Blue</b>	TRU-7S1-120BAG	--	3.2	3.8	50	14	28	--	460	467	475	
<b>White</b>		--	3.2	3.6	50	70	135	--	X=0.30	Y=0.31		

Notes:

Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.

The dominant wavelength (λd) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.