

1. FEATURES:

- High intensity and reliability
- High quality, Low power requirement and low cost
- IC compatible , Easy assembly

2. DESCRIPTION:

- 0.56 inch (14.2mm) height, triad digit display
- Gray face, White segment, High Bright Red display
- Common Anode, Dynamic drive connect
- Dice material: **GaP/GaAlAs** Red

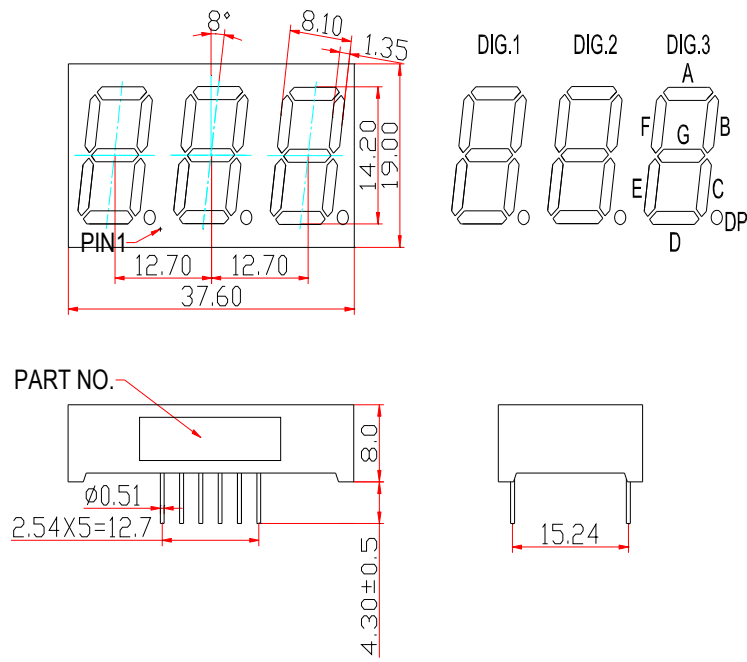
3. ABSOLUTE MAXIMUM RATINGS AT $T_a=25^\circ\text{C}$:

(PARAMETER)	Max.	UNIT
Power Dissipation Per Segment	50	mW
Peak Forward Current Per Segment (1/10duty cycle 0.1ms pulse width)	120	mA
Average Forward Current Per Segment	25	mA
Derating Linear From 25°C Per Segment	0.2	mA/°C
Reverse Voltage Per Segment	5	V
Operating Temperature Range	-35°C to + 85°C	
Storage Temperature Range	-35°C to + 85°C	
Lead Soldering Temperature 260°C at 1.6mm From Body for 5 seconds		

4. ELECTRICAL/OPTICAL CHARACTERISTICS AT $T_a=25^\circ\text{C}$:

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	Test condition
Luminous Intensity Per Segment	I_v	1.0	1.8		mcd	$I_F=10\text{mA}$
Dominant Wavelength	λ_D	—	643	—	nm	$I_F=20\text{mA}$
Peak Emission Wavelength	λ_P	—	660	—	nm	$I_F=20\text{mA}$
Spectral Line Half-Width	$\Delta\lambda$	—	20	—	nm	$I_F=20\text{mA}$
Forward Voltage Per Segment	V_F	—	1.85	2.1	V	$I_F=20\text{mA}$
Reverse Current Per Segment	I_R	—	—	100	μA	$V_R=5\text{V}$
Luminous Intensity Matching Ratio (Segment To Segment)	I_{v-m}			2:1		$I_F=10\text{mA}$

5. Outer Dimension:



NOTES: All dimensions are in millimeters (inches) tolerance are $\pm 0.25\text{mm}(0.010)$ unless otherwise noted

6. INTERNAL CIRCUIT DIAGRAM:

