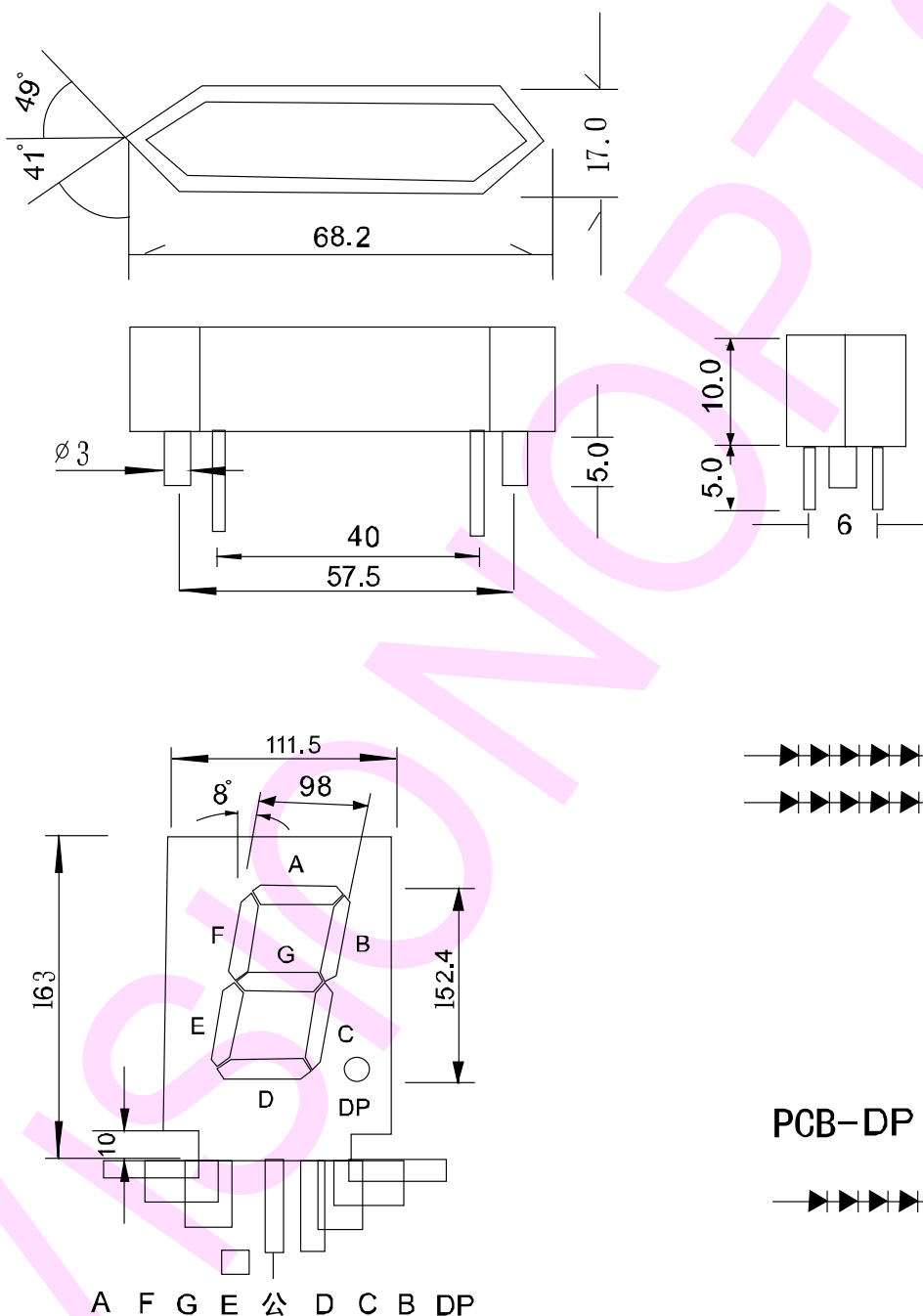


6.0" SINGLE SEGMENT

P/N VNSS60S

Package Dimensions



NOTES:

1. All dimensions are in millimeter[unit];
2. Tolerance is $\pm 0.2\text{mm}$ (0.008 ") especially other specified;
3. Specifications are subject to change without notice.



VISION OPTO - ELECTRONIC INDUSTRIES

#44-82/1, Tirumala Nagar, Moulali, Hyderabad-500 040.

Tel: 7416086979

Mobile-7306127946

www.visionopto.com

email : sales@visionopto.com

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

PARAMETER	SYMBOL	RED	UNIT
Power Dissipation Per Segment	PAD	50	mw
Reverse Voltage Per Segment	VR	5	V
Continuous Forward Current Per Segment	IAF	20	mA
Peak Forward Current Per Segment(Duty-0.1,1KHz)	IPF	60	mA
Operating Temperature Range	TOPr	-20℃ to 80℃	
Storage Temperature Range	Tstg	-30℃ to 85℃	
Lead Soldering Temperature 260℃ at 1.6mm From Body for 3 second			

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

PARAMETER	SYMBOL	TEST CONDITION	Color	MIN	TYP	MAX	UNIT
Forward Voltage ,Per Segment	VF	IF=20mA	RED	12.5	14.0	16.5	V
					10		
Reverse Current , Per Segment	IR	VR=5V	RED			50	μA
Peak Emission Wavelength	λ_p	IF=20mA	RED	630	633	636	nm
Luminous Intensity Per Segment	IV	IF=20mA	RED	60		80	mcd