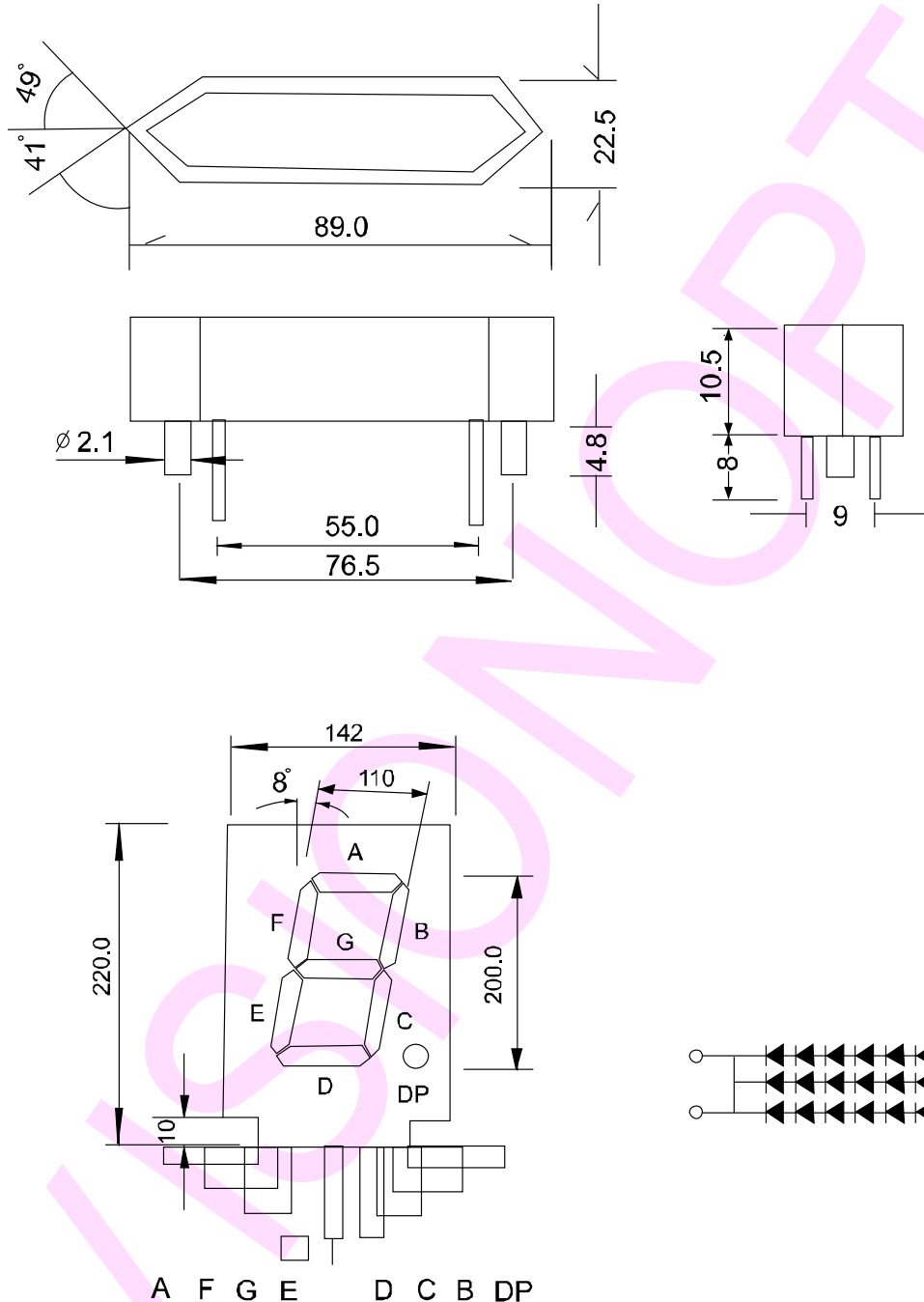


8.0" SINGLE SEGMENT

P/N VNSS80S

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.



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

PARAMETER	SYMBOL	RED	UNIT
Power Dissipation Per Segment	PAD	55	mw
Reverse Voltage Per Segment	VR	5	V
Continuous Forward Current Per Segment	IAF	25	mA
Peak Forward Current Per Segment(Duty-0.1,1KHz)	IPF	80	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	10.2	10.8	13.2	V
Reverse Current , Per Segment	IR	VR=5V	RED			50	μA
Peak Emission Wavelength	λ_p	IF=20mA	RED	620	625	630	nm
Luminous Intensity Per Segment	IV	IF=20mA	RED	60	80	90	mcd