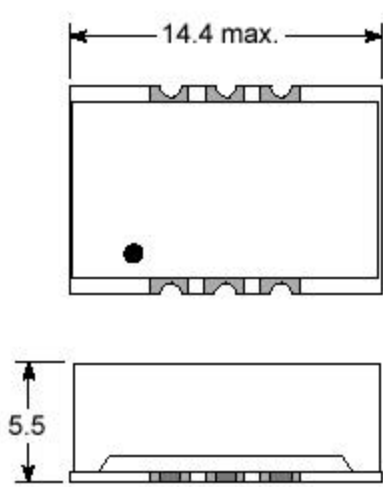


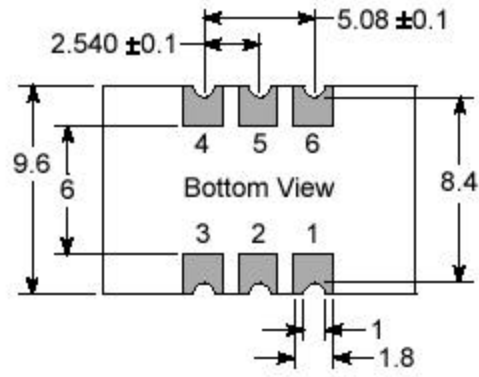


## VCD1 PECL 6 PIN SMD

<b>Package Option</b>	14.4 x 9.8 x 6.0 mm 6 pin SMD
<b>Frequency Range</b>	19.440 to 160.0 MHz
<b>Supply Voltage</b>	P = + 5.0 Vdc $\pm$ 5 % PECL Q = + 3.3 Vdc $\pm$ 5% PECL
<b>Electrical Options</b>	A = Complimentary Output & Enable/Disable, 55/ 45 Symmetry B = Complimentary Output & Enable/Disable, 60/ 40 Symmetry
<b>Stability Options</b>	A = $\pm$ 100 PPM 0C to +70C B = $\pm$ 50 PPM 0C to +70C E = $\pm$ 25 PPM 0C to +70C
<b>Calibration Tolerance</b>	$\pm$ 25 PPM at +25 $\pm$ 2C @ Vcc/2
<b>Output Level "1" "0"</b>	Vcc - 1.025 V Minimum Vcc - 1.620 V Maximum
<b>Rise time/Fall time</b>	2 ns Maximum (20 % to 80% of waveform)
<b>Jitter</b>	3.5 ps RMS Maximum
<b>Linearity</b>	20 % Maximum
<b>Start-Up</b>	10 ms Maximum
<b>Aging</b>	< 5.0 PPM/First year at +40C dynamic
<b>Load</b>	50 ohms
<b>Current</b>	75 mA Maximum
<b>Storage Temperature</b>	-55°C to +125°C
<b>STD Package</b>	Anti Static Tubes



All dimensions in millimeters



- Pin 1: Complimentary Output
- Pin 2: Enable/Disable
- Pin 3: Ground
- Pin 4: Output
- Pin 5: N.C.
- Pin 6: Vcc