



ECS Inc. International

LVDS 5032

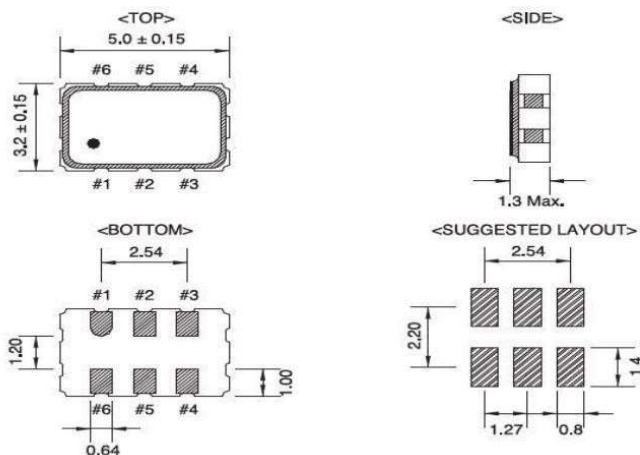
- * LVDS OUTPUT
- * SEAM SEALING
- * RoHS Compliant

Part # OECS-500-CDX-2514

I. General Specification

1	Holder Type	5.0 X 3.2 mm
2	Frequency Range	50.000 MHz
3	Power Supply Voltage	2.375 V ~ 3.63 V (Typical 3.3 V)
4	Frequency Stability (Inclusive of initial accuracy, temperature drift, aging, shock, vibration from -40°C to +85°C)	± 50ppm
5	Operating Temperature Range	- 40 °C ~ + 85 °C
6	Storage Temperature Range	- 55 °C ~ + 125 °C
7	Current Consumption	60 mA
8	Symmetry	45/55%
9	Rise / Fall Time	< 400 pS (20% ~ 80% Vdd)
10	Output Voltage Level	VoH - 1.4V Typical VoL - 1.1V Typical
11	Output Voltage Swing	350 mV Typical - VOD
12	Output Load	100 Ω between output and complimentary output
13	Phase Jitter (12kHz to 20MHz)	82fs RMS Typical
14	Tri-State Function	#1 : "High (open)" -> Output enable #1 : "Low" -> Output disable
15	Aging / Year	<±3ppm

Dimensions



PAD FUNCTION:
1: ENABLE CONTROL or NC
2: NC
3: GND
4: OUT
5: OUTN
6: VDD