

Precision Devices Inc.

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JL4 SMD J LEAD PACKAGE MILITARY, AVIONICS & COMMERCIAL APPLICATIONS

GENERAL SPECIFICATIONS

Frequency Range: 750 KHz to 200 MHz

Supply Voltage: 3.3V, 2.5V

Output Load: ACMOS

(1000 pF into 50 Ohms)



JL4 7.4x8.9mm

FREQUENCY TOLERANCE

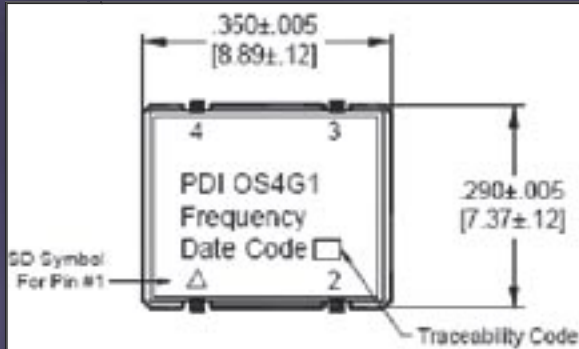
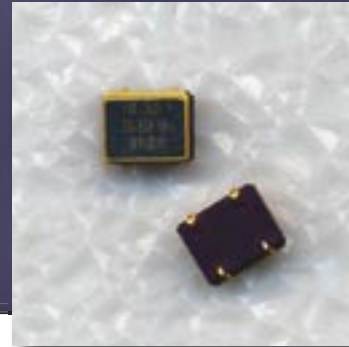
A = ±10 ppm
B = ±25 ppm
C = ±50 ppm
D = ±100 ppm
S = SPECIAL

OPERATING TEMP RANGE

A. 0°C to 70°C
B. -20°C to 70°C
C. -30°C to 80°C
D. -40°C to 85°C
E. -55°C to 125°C
S. SPECIAL

OUTPUT FREQUENCY RANGE	INPUT CURRENT (MAX) ^{2/}	PULSE CHARACTERISTICS		INITIAL ACCURACY AT +23°C ± 1°C	FREQUENCY-TEMPERATURE TOLERANCE (PPM) ^{1/}		
		RISE AND FALL TIMES (MAX) ^{3/}	DUTY CYCLE MIN-MAX ^{3/}		-55°C to +125°C	-55°C to +105°C	-40°C to +85°C
					A	B	C
.7500 MHz to 24.999 MHz	40 mA	6 ns	40% to 60%	±15 ppm	±50 ppm	±40 ppm	±25 ppm
.7500 MHz to 24.999 MHz	40 mA	6 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm
25 MHz to 59.999 MHz	60 mA	3 ns	40% to 60%	±15 ppm	±50 ppm	±40 ppm	±25 ppm
25 MHz to 59.999 MHz	60 mA	3 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm
60 MHz to 94.999 MHz	60 mA	3 ns	40% to 60%	±15 ppm	±50 ppm	±40 ppm	±25 ppm
60 MHz to 94.999 MHz	60 mA	3 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm
95 MHz to 129.999 MHz	60 mA	3 ns	40% to 60%	± 15 ppm	±50 ppm	±40 ppm	±25 ppm
95 MHz to 129.999 MHz	60 mA	3 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm
130 MHz to 164.999 MHz	60 mA	3 ns	40% to 60%	±15 ppm	±50 ppm	±40 ppm	±25 ppm
130 MHz to 164.999 MHz	60 mA	3 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm
165 MHz to 200 MHz	60 mA	3 ns	40% to 60%	±15 ppm	±50 ppm	±40 ppm	±25 ppm
165 MHz to 200 MHz	60 mA	3 ns	40% to 60%	± 25 ppm	±100 ppm	±80 ppm	±50 ppm

JL4 Detailed Specifications



Pin Connections	
1	No Connect
2	Ground
3	Output
4	B+

