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Corporation**

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Military Designation :

M55310/26A

[Show Dimensions >>](#)

Package Type :

Dual In-Line (DIP)

[MIL-PRF-55310
Performance Specs >>](#)


Pin Connections

Vcc	GND	OUT	CASE	QT #
14	7	8	7	QT6HC

Logic Levels

Stability Options

High Speed CMOS

HC MOS LOGIC LEVELS : Logic "1": .9Vdd Min.; Logic "0": .1Vdd Max.

Code	Temp. Range	Freq. Stability vs. Temp.	Freq. Accuracy @ +23 °C	Aging (per year)
2A	-55 °C to +125 °C	± 65 ppm	± 15 ppm	± 5 ppm (max)
2B	-55 °C to +105 °C	± 55 ppm	± 15 ppm	± 5 ppm (max)
2C	-20 °C to +70 °C	± 40 ppm	± 15 ppm	± 5 ppm (max)
6A	-55 °C to +125 °C	± 100 ppm	± 25 ppm	± 10 ppm (max)
6B	-55 °C to +105 °C	± 75 ppm	± 25 ppm	± 10 ppm (max)
6C	-20 °C to +70 °C	± 50 ppm	± 25 ppm	± 10 ppm (max)

Assurance Level

Class B

[Freq. Designation >>](#)

Electrical Specifications **

Dash No.	Frequency Range	Supply Voltage	Max Input Current *	Rise/Fall Time	Duty Cycle
0	10 kHz to 1.0 MHz	+ 5 V	10 mA	10 ns (max)	45 to 55%
2	100 kHz to 4.0 MHz	+ 5 V	15 mA	10 ns (max)	45 to 55%
3	4.0 MHz to 20 MHz	+ 5 V	20 mA	10 ns (max)	40 to 60%
4	20 MHz to 35 MHz	+ 5 V	35 mA	10 ns (max)	40 to 60%

military

5	35 MHz to 50 MHz	+ 5 V	40 mA	5ns (max)	40 to 60%
6	50 MHz to 65 MHz	+ 5 V	70 mA	5 ns (max)	40 to 60%

* Input Current (Max.) at designated supply voltages (no load). Maximum Load is 10 k ohm shunted by 15 pf.

