



**Q-Tech
Corporation**

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Military Designation : M55310/25A

Package Type : Dual In-Line (DIP)

[Show Dimensions >>](#)

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



Pin Connections

Vee	GND	OUT	CASE	QT#
7	14	8	14	QT48E

Logic Levels

ECL -- Please Click on MIL-PRF-55310 Specifications button

Stability Options

Assurance Level

Class B

[Freq. Designation >>](#)

Electrical Specifications **

Dash No.	Frequency Range	Load (Test) To -2.0 Vdc	Input Current (Max.) At 5.25 V \pm 5%	Rise / Fall Time	Duty Cycle

02	25 MHz to 100 MHz	50 ohms	50 mA	3.5 ns (max)	40 to 60%
06	25 MHz to 100 MHz	100 ohms	75 mA	3.5 ns (max)	40 to 60%
10	25 MHz to 100 MHz	50 ohms	50 mA	3.5 ns (max)	40 to 60%
14	25 MHz to 100 MHz	100 ohms	75 mA	3.5 ns (max)	40 to 60%
32	100 MHz to 125 MHz	50 ohms	60 mA	3.5 ns (max)	40 to 60%
36	100 MHz to 125 MHz	100 ohms	75 mA	3.5 ns (max)	40 to 60%
40	100 MHz to 125 MHz	50 ohms	60 mA	3.5 ns (max)	40 to 60%
44	100 MHz to 125 MHz	100 ohms	60 mA	3.5 ns (max)	40 to 60%
62	125 MHz to 175 MHz	50 ohms	70 mA	3.0 ns (max)	40 to 60%
66	125 MHz to 175 MHz	100 ohms	125 mA	3.0 ns (max)	40 to 60%
70	125 MHz to 175 MHz	50 ohms	70 mA	3.0 ns (max)	40 to 60%
74	125 MHz to 175 MHz	100 ohms	125 mA	3.0 ns (max)	40 to 60%

** N/A

