DataSheet

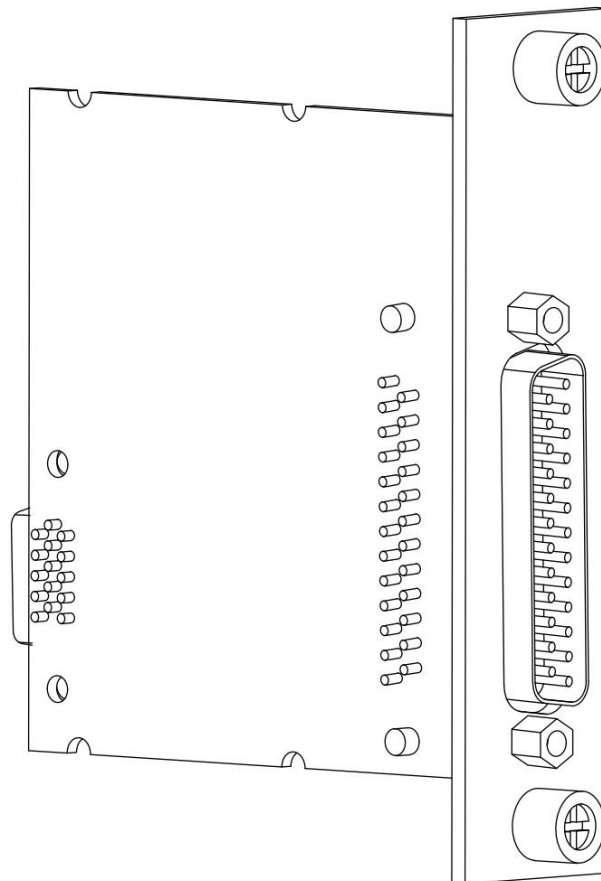# MT-E760

8 DI, 5V/TTL, 25 ns

This document contains the specifications for MT-E760.Specifications are typical at 25°C unless otherwise noted.
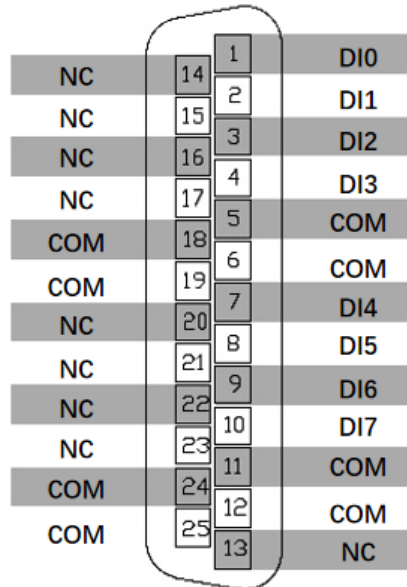
⚠ **Caution**   Using the MT-E760 in a manner not described in this document may impair the protection the MT-E760 provides.
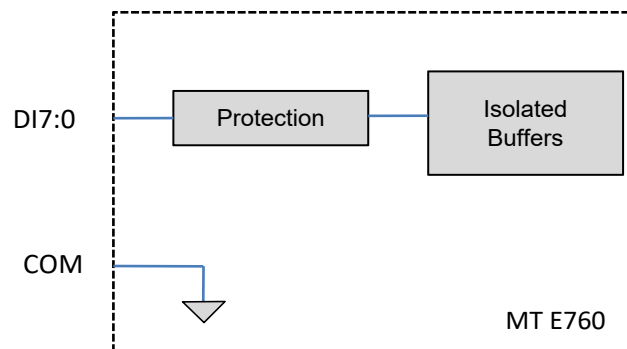

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MT-E760 Connectivity

Pin definition of DSUB connector and Spring Terminal connector.

NC	14	1	DI0
NC	15	2	DI1
NC	16	3	DI2
NC	17	4	DI3
COM	18	5	COM
COM	19	6	COM
NC	20	7	DI4
NC	21	8	DI5
NC	22	9	DI6
NC	23	10	DI7
COM	24	11	COM
COM	25	12	COM
		13	NC

Input Circuitry

DI7:0 — Protection — Isolated Buffers

COM

MT E760

There are eight input channels of MT-E760.All channels are internally referenced to COM.

MT-E760 Specifications

The following specifications are typical for the range -40 °C to 70 °C unless otherwise noted.

All voltages are relative to COM unless otherwise noted.

Input Characteristics

Number of channels	8 DI channels
Input type	TTL,single-ended
Digital logic levels	
Input	
Voltage	5.23V maximum
High,VIH	3.5V minimum
LOW,VIL	1.5V maximum
Maximum signal switching frequency,per channel	
Input	20MHz
Input propagation delay	13 ns maximum
Input pulse width distortion	3ns
Input current per channel	$\pm$10uA
Input capacitance	4pF
Overvoltage protection	$\pm$30 V

Support

MT-RIO上手指南：

http://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-RIO/

RIO上手指南

MT-RIO视频教程：

http://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-RIO/

RIO视频教程

MT-Master上手指南：

http://server.mangotree.cn:9900/WebFile/Downloads/上手指南/MT-Master/

Master上手指南

MT-Master视频教程：

http://server.mangotree.cn:9900/WebFile/Downloads/视频教程/MT-Master/

Master视频教程

Dimensions:(mm)

23.60±0.30

95.70±0.30

47.04±0.15

65.95±0.30

73.50±0.30

3.70±0.30

3.70±0.30

74.85±0.30