

Introducing

Industrial Mini I/O Connector System

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Tyco Electronics

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KEY FEATURES

- Two points on contact interface
- Smal compact size
- Latching feature
- Polarized

DESCRIPTIONS

The Industrial Mini I/O connector system is a small, compact, latching, wire-to-board I/O interface is suitable for the stringent demands of an industrial device. It is one quarter the size of a conventional RJ45 plug and is designed with two points of contact for increased reliability in high vibration environments. It is polarized with two options available to prevent mis-mating. It is also available in both SMT and through hole configurations. The unique latching system protects the plug from pull out during high vibration and accidental bumping. The system is most commonly used as an RJ45 replacement. It consists of 8 individual circuits that accommodate I/O signals.

APPLICATIONS

Industrial controls

Motion control

PLC's

Robotics

ELECTRICAL

8 position

30V rated

Wire-to-board

Current rating: 0.5 AMPS

.635 mm pitch

MECHANICAL

Operating temperature: -40°C to 70°C

Cable diameter: 6.7 mm Max

Wire size: 22 AWG Max

Durability: 1500 cycles

Cable retention force: 98N (10kg)

STANDARDS AND SPECIFICATION

Meets Cat5e requirements when used in an Ethernet application

Product specification: 108-7805

Application specification: 114-5431

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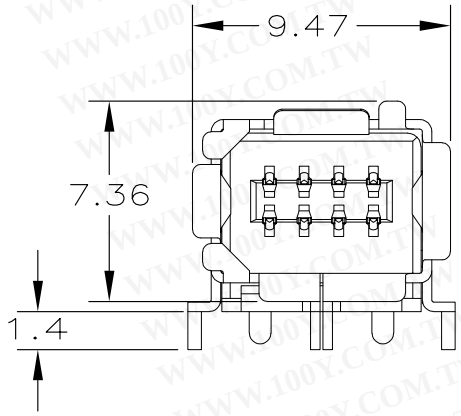


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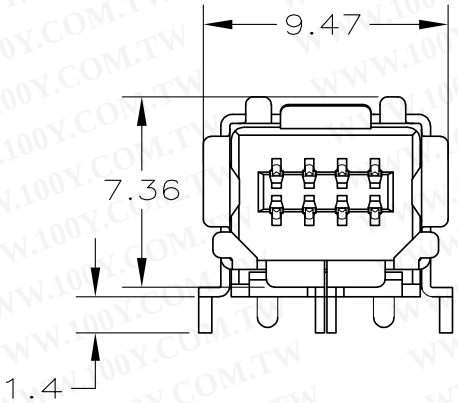
PRODUCT DIMENSIONS

Part Number	Type	Description
1-2040537-1	Header Assembly	Mini I/O Header Thru-Hole Assembly Type II, Tray Pack
1981080-1	Header Assembly	Mini I/O Header Smt Assembly Type I, Tray Pack
1981386-1	Header Assembly	Mini I/O Header Smt Assembly Type II, Tray Pack
2040537-1	Header Assembly	Mini I/O Header Thru-Hole Assembly Type I, Tray Pack
2069552-1	Header Assembly	Mini I/O Header Smt Assembly Type I, Tape And Reel
2013595-1	Plug Kit	Mini I/O Plug Kit Type I, Black Latch
2013595-2	Plug Kit	Mini I/O Plug Kit Type I, White Latch
2013595-3	Plug Kit	Mini I/O Plug Kit Type I, Gray Cover
2040008-1	Plug Kit	Mini I/O Plug Kit Type II, Black Latch
2040008-2	Plug Kit	Mini I/O Plug Kit Type II, White Latch
2069577-1	Plug Connector Kit	Mini I/O Plug Kit Type I, Black Latch, 100 Pc Bulk Pack
2069577-2	Plug Connector Kit	Mini I/O Plug Kit Type I, White Latch, 100 Pc Bulk Pack
2069577-3	Plug Connector Kit	Mini I/O Plug Kit Type I, Gray Cover, 100 Pc Bulk Pack
2069578-1	Plug Connector Kit	Mini I/O Plug Kit Type II, Black Latch, 100 Pc Bulk Pack
2069578-2	Plug Connector Kit	Mini I/O Plug Kit Type II, White Latch, 100 Pc Bulk Pack

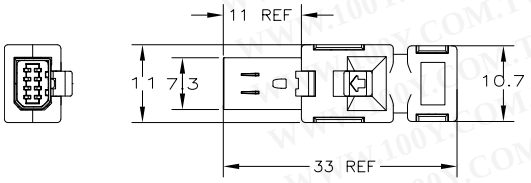
Receptacle Type I



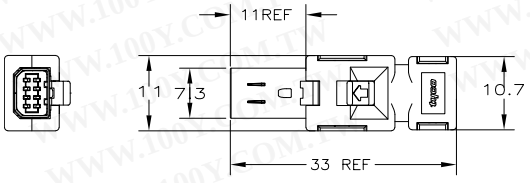
Receptacle Type II



Plug Type I



Plug Type II



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