

# MX36 Series ( For Air Bags, Waterproof Connector)

## Complete Mating Connectors for Air Bags Waterproof Cable-to-Cable (Relay)



The MX36 Series waterproof compact inline relay connector was developed for use with automotive airbags. It features a structure that separates the connection of the contacts with the repulsion of the air spring when the connectors are not completely mated (mechanical perfect mating design). Waterproofing performance is accomplished with the rubber sealing ring of the mating portion and the grommet rubber on the wire.

## Features

- Small size, highly reliable, waterproof connector
- Mechanical complete mating method, the conductivity will be cut by pushing back the socket connector with a coil spring, which is built into the socket housing
- Type with short-circuit contacts, which prevents erroneous function due to static electricity
- If retainer is not completely inserted in housing, the connector is not engaged, and incomplete contact insertion is detected.

## General Specifications

<b>Number of Positions</b>	2, 4
<b>Dielectric Withstanding Voltage</b>	1000 VACr.m.s. (1 minute)
<b>Insulation Resistance</b>	100 megohm min.
<b>Contact Resistance</b>	5 milliohm max. (initial)
<b>Operating Temperature Range</b>	- 40 deg. C to + 120 deg. C
<b>Applicable Cable</b>	AVSS 0.5, AVSSC 0.5f, AVSSX 0.5f, TVSSX 0.5f

### **Notice**

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice.

Contact our sales staff for further information before considering or ordering any of our products.

For purchase, a product specification must be agreed upon.

2. Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry. Also contact us regarding the details of use, usage, specification before considering or ordering any of our products.
3. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.