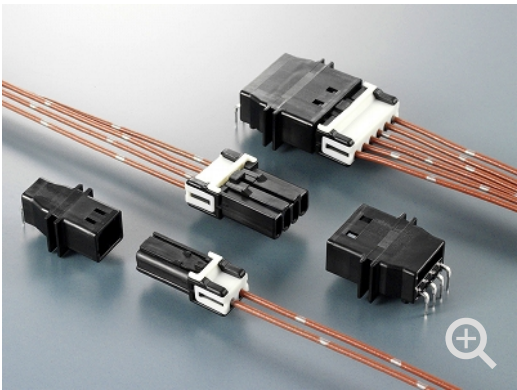


MX44 Series (Low Pin Counts. Waterproof Automotive Connector)

Compact Waterproof Automotive Connectors with Low Pin Counts



The MX44 series compact waterproof connector is mainly designed for automotive applications. It has a structure that closely presses the rubber seals to mating surfaces, enabling the design to be more compact. With the vibration absorption function of the rubber, the connector has significant vibration resistance. Moreover, each contact is waterproof, making the connector suitable for harsh environments such as the engine area in an automobile.

Features

- 3.5 mm side pitch, 1 row, compact waterproof board to wire connector.
- Connector size reduced by waterproof structure with tight sealing rubber in the mating area.
- Vibration resistance improved by rubber absorbing unsteadiness of connector and contact.
- Adopts single contact waterproof structure which makes each contact separately waterproof.
- Socket contact is a box type which is strong against external force, and contact area adopts proven double spring which is resistant to twisting.
- Contacts set in position by inserting retainer from wire side. Retainer protects connector lock portion.

General Specifications

Number of Positions	2, 4, 6 positions
Contact Resistance	5 milliohm max. (initial), 10 milliohm max. (after test)
Rated Current	3 A
Insulation Resistance	100 megohm min.
Waterproof	98 kPa min. (initial)
Vibration Proof	30 G (50 to 1000 Hz), each pole/ 3 hours

Applicable Cable	AVSS 0.3 to 0.5 sq.
Operating Temperature Range	-40 deg. C to +125 deg. C, (Ambient temperature + temperature rise due to conduction)

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.