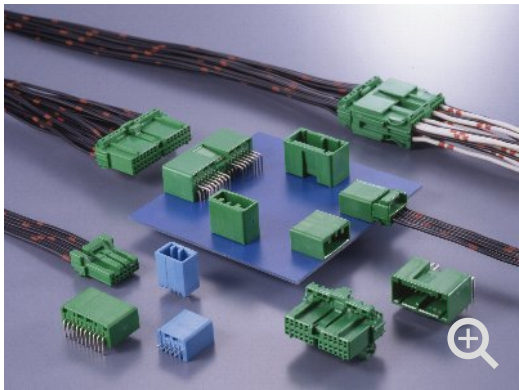


IL-AG5 Series (025 Contacts, Board-to-Cable/Cable to-Cable Connector)

025 Contacts Board-to-Cable/Cable to-Cable Connector



025 contacts

Features

- Board-to-Cable/ Cable-to-Cable(relay) application.
- Compact connectors
- 2.5mm pitch compact type connector using 025 contact tab terminals.
- Mechanical lock system enabling complete mating.
- Mechanical lock system to withstand vibration and tension, and enabling blind mating with a click.
- Double hook mechanism to prevent contacts from being inserted or removed incompletely.
- Socket is designed with double retention system of contacts, with contact lance and flap incorporated in housing. This avoids dislodging of contacts.
- Wide product array
- Single row, double row, configuration assuring correct combination of connectors, etc.
- Highly reliable socket contacts.
- The shape of the contacts are box-shaped and they are external pressure resistant type.
- Highly reliable two-plate spring mechanism.
- Simplified crimp-type termination.

General Specifications

Contact Pitch	2.5 mm
Number of Positions	1 row: 4, 5, 6, 7, 10, 2 rows: 14, 16, 18, 22, 30
Rated Current	3 A
Dielectric Withstanding Voltage	1000 VACr.m.s. (1 minute)

Insulation Resistance	100 megohm min. (initial)
Contact Resistance	10 milliohm max. (initial)
Applicable PCB Thickness	1.6 to 2.4 mm
Operating Temperature Range	-40 deg. C to +85 deg. C
Applicable Cable (Cable Type, Conductive Area)	AV, AVS, AVSS: 0.3 to 0.5 mm ² , AVS, AVSS: 0.85 mm ²

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.