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025 Contacts, Compact Connectors IL-AG9 Series

IL-AG9 Series

Feature

Cable-to-Cable (Relay) application.

Compact Connectors

A 2.5mm pitch compact connector with a small number of contacts uses the existing 025 contact tab size (0.64 x 0.64) IL-AG5 terminals.

Mechanical lock system enabling complete mating.

Mechanical lock system to withstand vibration and tension.

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.

Structure with a key to prevent twisted mating, mis-mating or reverse insertion.

Mechanical lock method for withstanding vibration and pulling. The lock strength is enhanced to withstand loads using a double-holding spring.

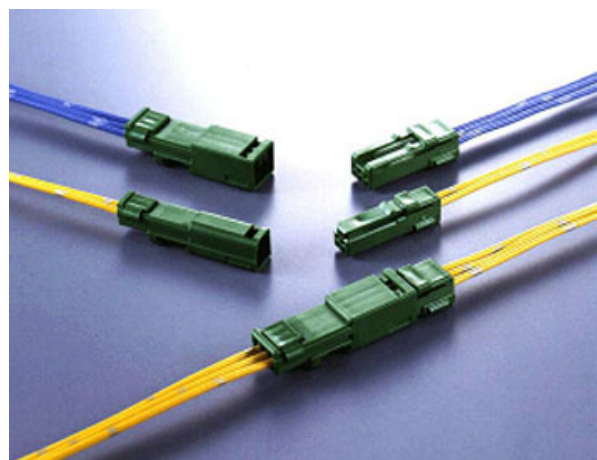
Socket contacts have a contact reliable double spring mechanism. The outer form is a box shape, and it can withstand external forces.

The contacts of IL-AG5 can be used as terminals.

Socket contacts have a contact reliable double spring mechanism. The outer form is a box shape, and it can withstand external forces.

A nylon clip can be attached to the pin housing.

The height and width are short so that the connector can be mated through a small hole.

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General specification

Contact Pitch	2.5 mm
Number of Positions	2, 3
Rated Current	3 Amps
Withstanding Voltage	1000 VACr.m.s. (for one minute)
Insulation Resistance	100 megaohms min.
Contact Resistance	10 milliohms max. (Initial)
Operating Temperature	-40 to +125 Cel
Applicable Cable (Cable Type. Conductive Area)	AV, AVS, AVSS : 0.3 to 0.5 mm ² AVS, AVSS : 0.85 mm ²
Applicable Cable (Cable Type	

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