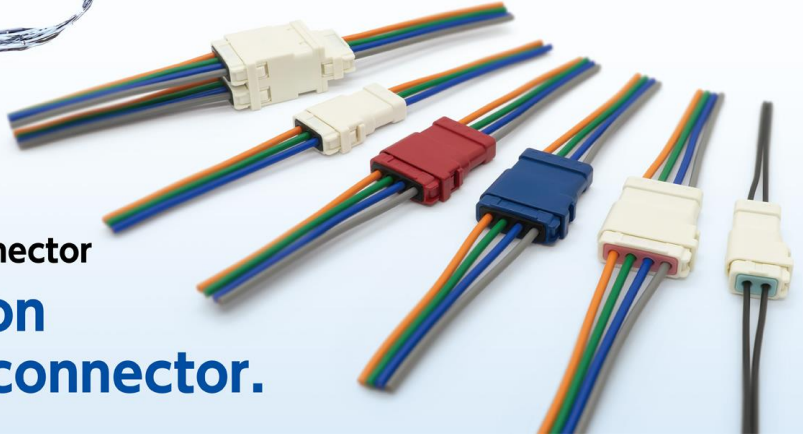


FW SERIES

5.0 mm pitch waterproof connector

The next generation small waterproof connector.

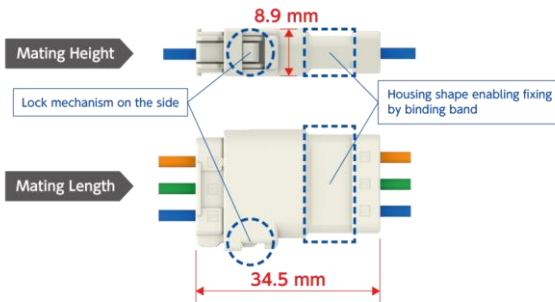


5.0 mm pitch waterproof connector FW SERIES

<PRODUCT FEATURES>

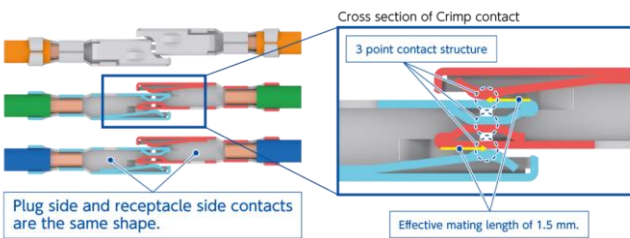
1. Industry's smallest class external dimensions are realized as a 5.0 mm pitch waterproof connector.

- The 5.0 mm pitch waterproof connector achieves the industry's smallest height (8.9 mm) and length (34.5 mm).
- Designed the lock structure on the side for realization of low profile
- Housing shape enabling fastening of binding band.



2. High reliability design with 3 points contact structure. KEL's original contacts on the plug side and the receptacle side have the same shape. (Patent pending)

- Crimp contact adopts plug side and receptacle side same type contact of KEL original development and archives stable contact by 3 point contact by independent spring.
- Highly reliable design with an effective mating length of 1.5 mm.



3. Connector structure realizing improvement in assembly workability

- The crimp contacts on the plug side and the receptacle side have the same shape, so the crimp applicator can be used in common.
- The cable seal and the seal ring are delivered in the state of being attached to the housing.
- By using KEL dedicated dummy pins, it is possible to configure different contact numbers with same connector.



4. Robust lock structure with reliable click feel.

- Robust locking mechanism has tactile click feeling.



5. FWP11 B TYPE branch relay type that enables reducing the number of wires is under development.

- FWP11 B TYPE (Plug side connector) branch relay type can reduce the number of wires by mating with FWB01 (Receptacle side connector).

