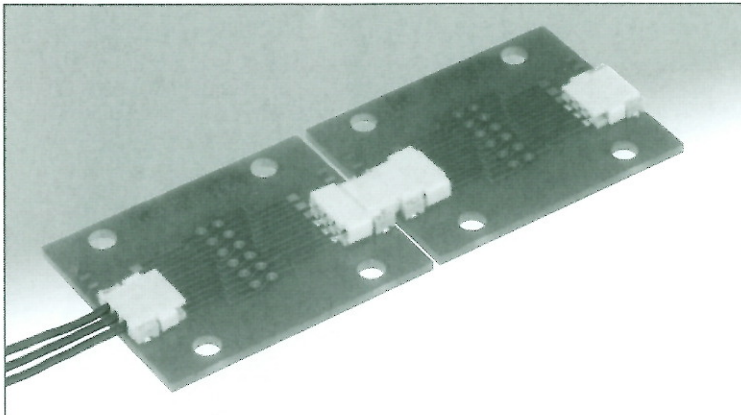


**NEW**

# 2mm pitch, vertical mating, 3 WAY connector (Floating (B to B), swing lock (W to B) and short pin)

DF59 Series



## ■Features

### 1. Floating structure in 3 directions (B to B connection)

With unique stress-free contact structure (patent pending), connection by absorbing the installation error between tandem substrates is possible. Error absorbing margin:  $\pm 0.5\text{mm}$  (X, Y and Z directions)

### 2. Reinforcing lock structure with swing lock (W to B connection)

With our unique swing lock structure, the lock structure on the cable side is reinforced to resist harsh tugging around and cable detachment due to overload.

### 3. Short pin connector

Short pin connector enable to make short circuit.

### 4. Standardization of the substrate connector

By standardizing the substrate connector for the other mating end of the floating part (B to B), swing lock (W to B) and short pin respectively, the number of parts can be reduced.

### 5. Saving space with a compact connector

Despite a 2mm pitch and AWG22-compatibility, a 2.48mm low-profile height (W to B) is achieved, which underlines the compactness of the equipment.

### 6. Contact Reliability

Use of double contact points on each of the contacts assures highly reliable performance.

### 7. High heat-resistance compatibility

Operating temperature tolerance up to  $105^{\circ}\text{C}$  is guaranteed.

### 8. Commoditizing of applicator

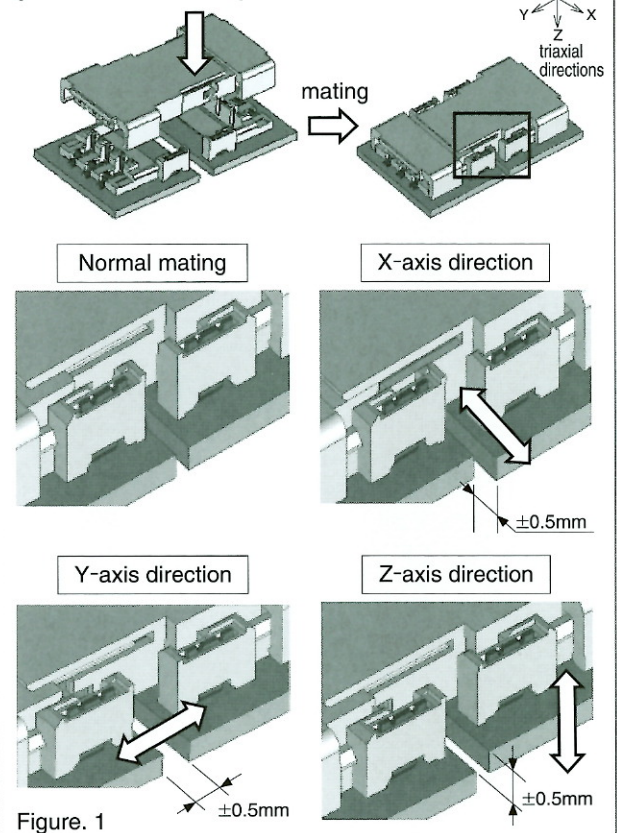
By commoditizing the crimp barrel structure with DF11-22SCF(A), crimp operation of DF11-22SCF(A) terminal in applicator (AP105-DF11-22S).

\* For the crimp product quality standard and crimp conditions, crimping under conditions exclusive for the DF59-22PCFA terminal is required.

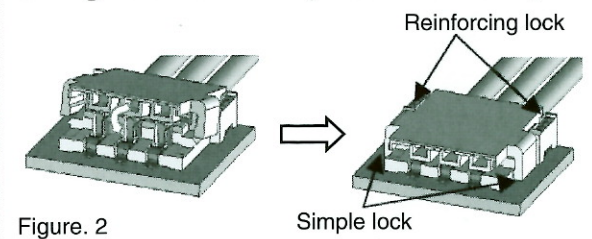
## Specifications

- Contact pitch :2mm
- Number of positions. 2 to 6
- Current rating: 3A Wire size AWG22
- Voltage rating 100V  
250V(1 contact not equipped)

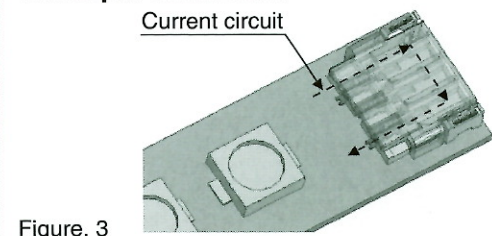
## Floating structure in 3 directions (B to B structure)



## Swing lock structure (W to B structure)



## Short pin connector


**HRS**
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