## 1. Scope

This document specifies the procedures of mating/unmating operation for DF58-*S-1.2C and DF58-*P-1.2V.

## 2. Part Number

| Part No. | Description |
|---|---|
| DF58-*P-1.2V(%%) | Header |
| DF58-*S-1.2C(%%) | Socket |
| DF58-2830SCF(%%) | Crimp contact |

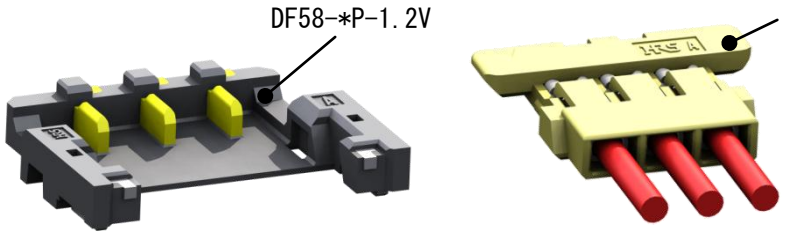


Figure 1. DF58 Connector

## 3. Operation Procedures

### 3-1. Mating

Mating operation will be carried out in steps: placing the crimp socket, insertion, and checking the mated state.

3-1-a. Placing the socket

Place the crimp socket aligned the depression of the header.

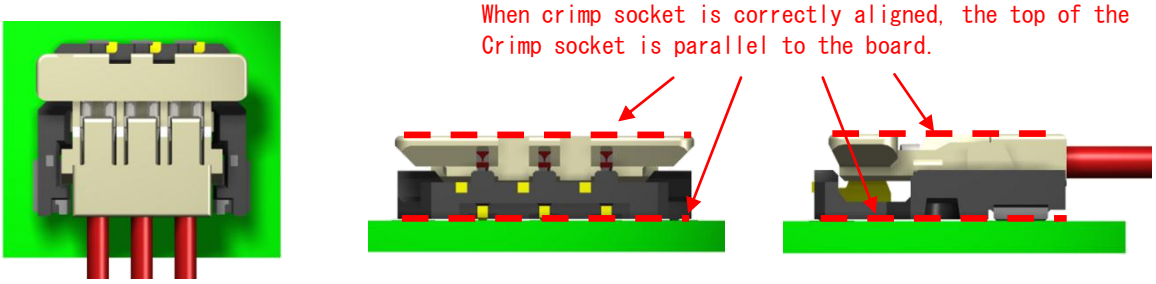


Figure 2. Way to position a socket

3-1-b. Insertion

Press down on the center of the crimp socket, and mating is complete.

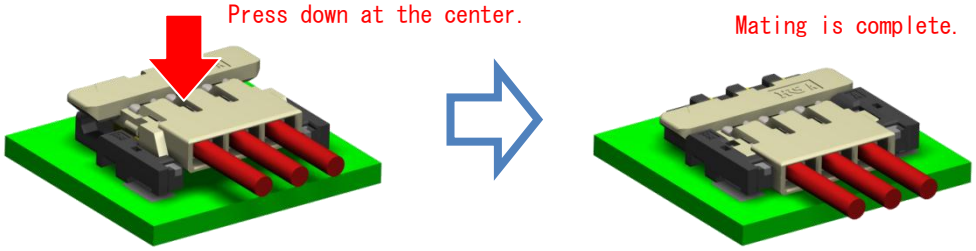


Figure 3. Insertion

| | COUNT | DESCRIPTION OF REVISIONS | DESIGNED | CHECKED | DATE |
|---|---|---|---|---|---|
| 0 | | | | | |

| | | | |
|---|---|---|---|
| TITLE | HIROSE ELECTRIC CO., LTD. | | |
| DF58 Series Mating/Unmating Operation Instruction Manual | APPROVED | HS. OKAWA | 20191022 |
| | CHECKED | SZ. ONO | 20191022 |
| | DESIGNED | HK. HAYASHI | 20191022 |
| | WRITTEN | HK. HAYASHI | 20191022 |
| TECHNICAL SPECIFICATION | ETAD-H0852-00 | 0 | 1 / 2 |

3-1-c. Checking the mated state

Check if the crimp socket is securely mated.

If one end floats or is mated at an angle, unmate, and mate it again.

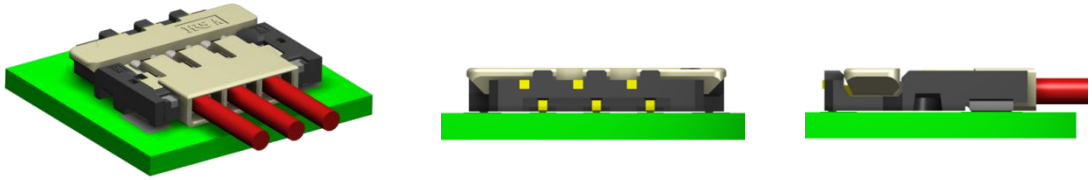

Figure 4. Complete mating state

If the connector is inserted when the crimp socket is not placed correctly, it is possible that only the friction lock on the non-cable side is inserted, as shown in the Figure below.

In this case, unmate and mate again.

Forcible mating will lower the retention force.

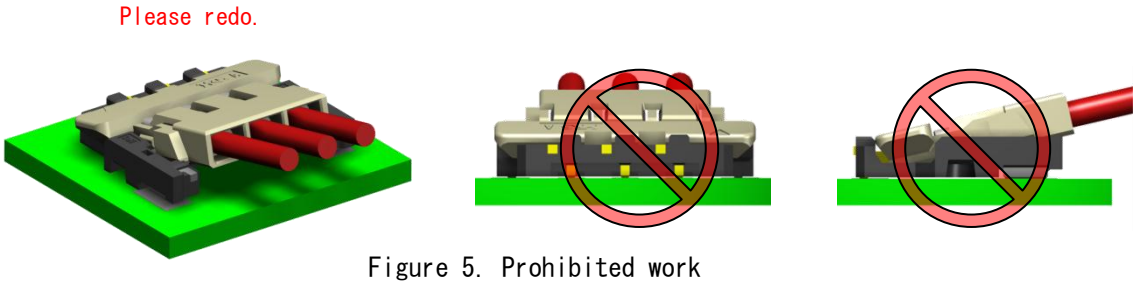


Figure 5. Prohibited work

3-2. Unmating

Hook the release tab with finger nail and lift up in the upper direction to unlock on the non-cable side. And then, the entire crimp socket to complete unmating.

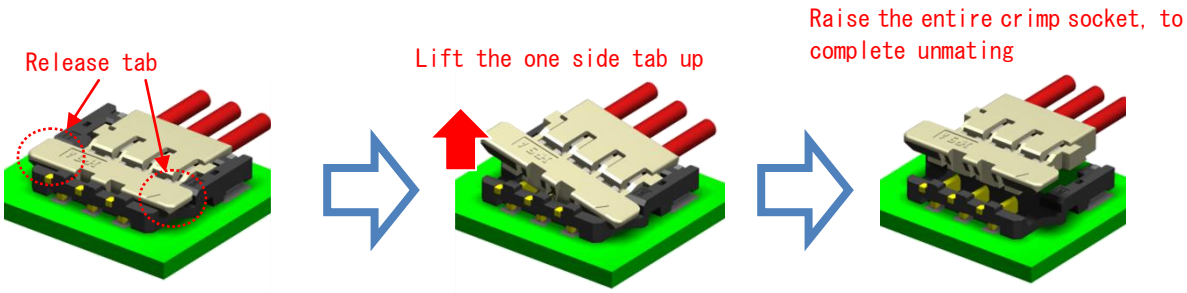


Figure 6. Unmating

Use the tab to help release.

If the connector is forcibly removed by pulling the cable, cable disconnection and connector breakage will occur.

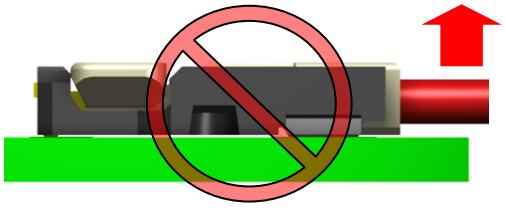

Figure 7. Incorrect removal operation

## 4. Precautions

・Do not operate the connector while the electricity is carried.

・If excessive force is applied to the connector, failure or damage could be caused.
Forcible mating / unmating, cable pull / cabling and mechanical shock, should be avoided.