

1.Scope

This document specifies the procedures of mating/unmating operation for DF63SF series.

This document contains general guidelines and operating suggestions to use this part safely. Unexpected troubles such as connector breakage could happen, if this product is used in other ways. Please read through this document and understand proper operation before use.

2.Connectors

Part No.	Description
DF63SF-*S-3.96C(##)	Header Crimp socket
DF63SF-*P-3.96TV(##)	Plug for relay connection
DF63SF-****SC(F)(A)	Crimp contact for socket

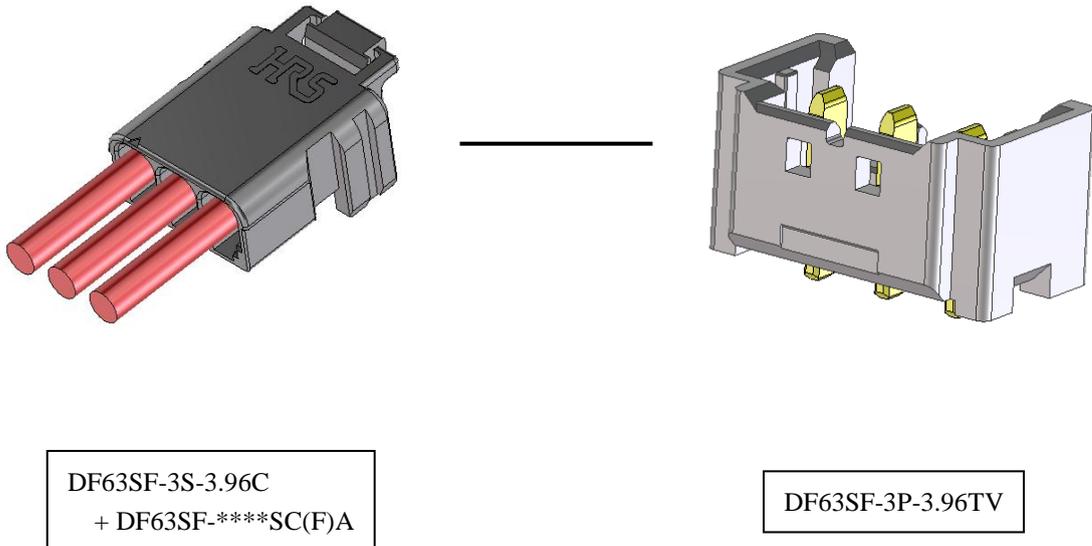


Fig. 1: DF63SF series

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△	2	DIS-H-00002430	SANGMUK.LIM	YN.TAKASHITA	16.12.16
TITLE				 HIROSE ELECTRIC CO., LTD.	
DF63SF Series Mating/Unmating Operation Instruction Manual					
APPROVED		HS.OKAWA	16.11.30		
CHECKED		YN.TAKASHITA	16.11.30		
DESIGNED		SANGMUK.LIM	16.11.30		
WRITTEN		SANGMUK.LIM	16.11.30		
TECHNICAL SPECIFICATION				ETAD-H0901-00	△ 1 / 4

3.Operation Procedure

3-1. Mating

3-1-a. Positioning for Insertion

: Position the crimp socket with the header for relay connection according to the center position.

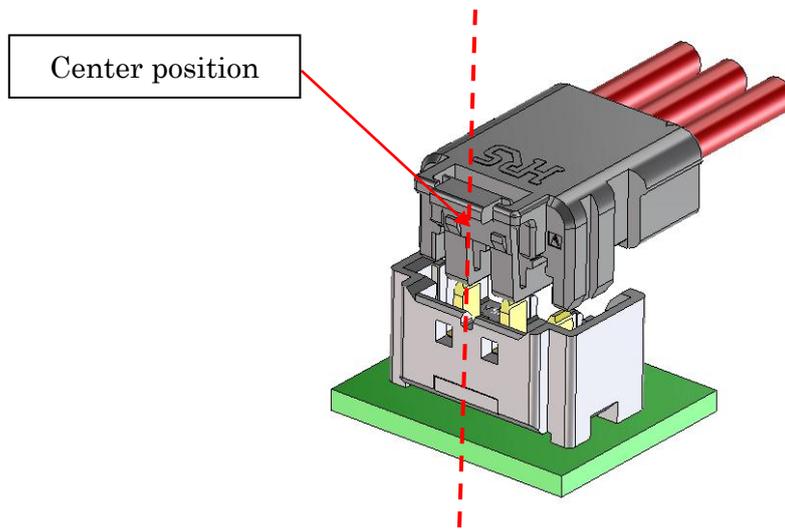


Fig 2. Positioning for Insertion

3-1-b. Insertion and Mating

: Insert the connector until it clicks.

* Please do not press the latches while insertion.

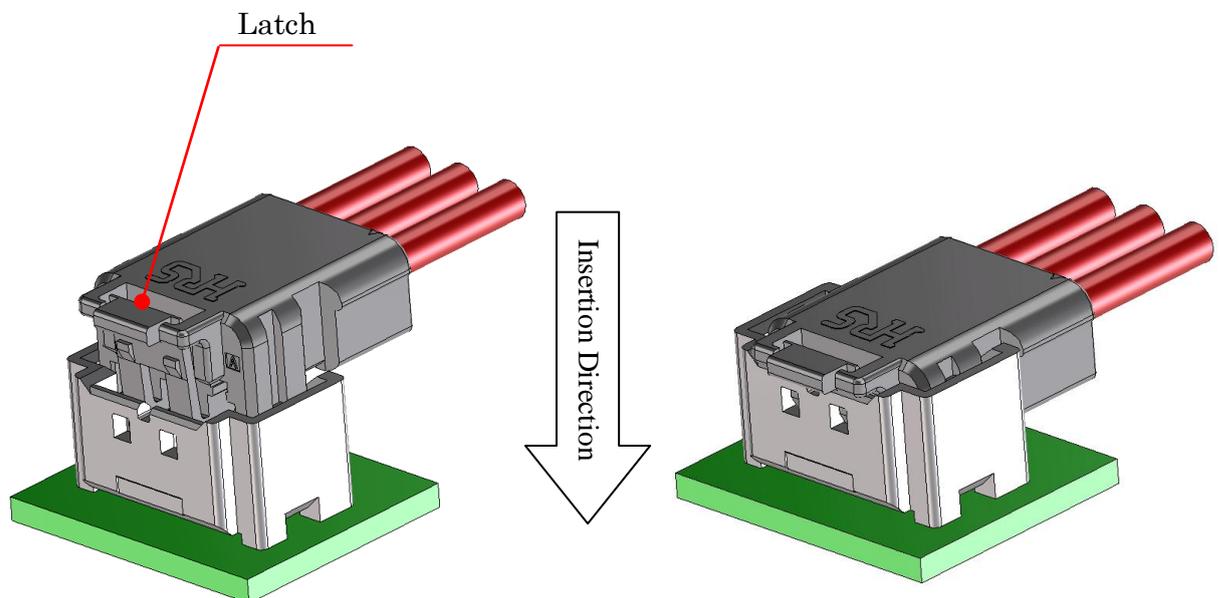


Fig 3. Insertion and Mating

Notice 1 : Do not tilt the socket in insertion as shown below in order to avoid negative influence on quality.

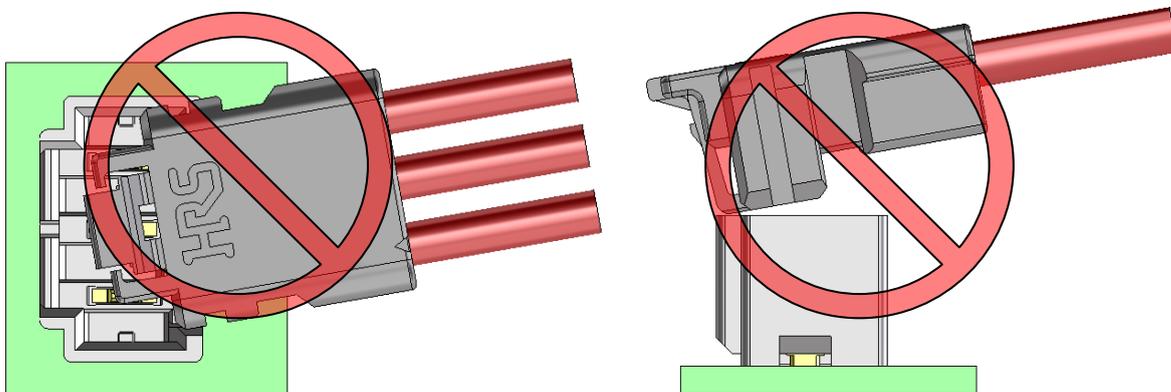


Fig 4. Prohibited Insertion

3-1-c. Confirmation of Mating

: Make sure that the crimp socket is completely mated.

(Make sure if the hooks are caught or not either by looking or by slightly pulling the cables by hand)

See 3-2. Unmating for removal

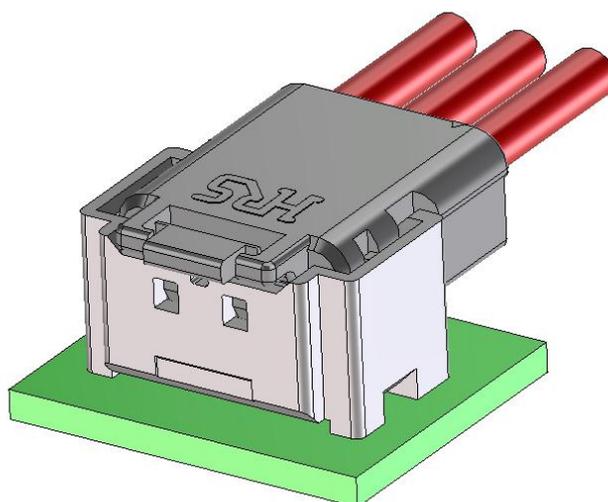


Fig 5. Mating Condition

3-2. Unmating

3-2-a. Removal

While having the socket, unlock the hooks by pressing the latches and pull the connector vertically

Note: the appropriate unmating cannot be done if the hooks are still stuck.

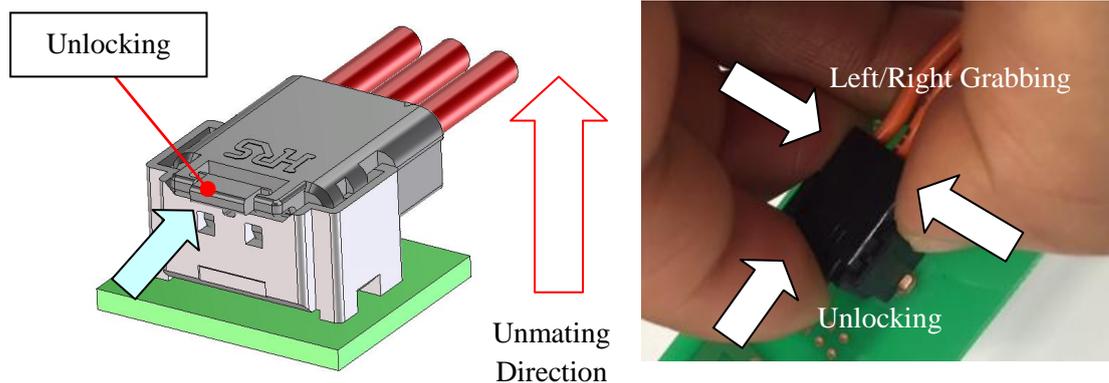


Fig 6. The way of Unmating

4.Precautions

- Do not insert or remove the socket while electrifying.
- Excessive external force to the connectors could cause fault and/or damage. Therefore, avoid forced mating/unmating, impact given by dropping, or forced pulling the cables.
- If you take the cable as shown in the picture below and forcibly mating/unmating it, the quality may be adversely affected.



- Please do not touch any area around the contact part as shown in the picture below with your hand.

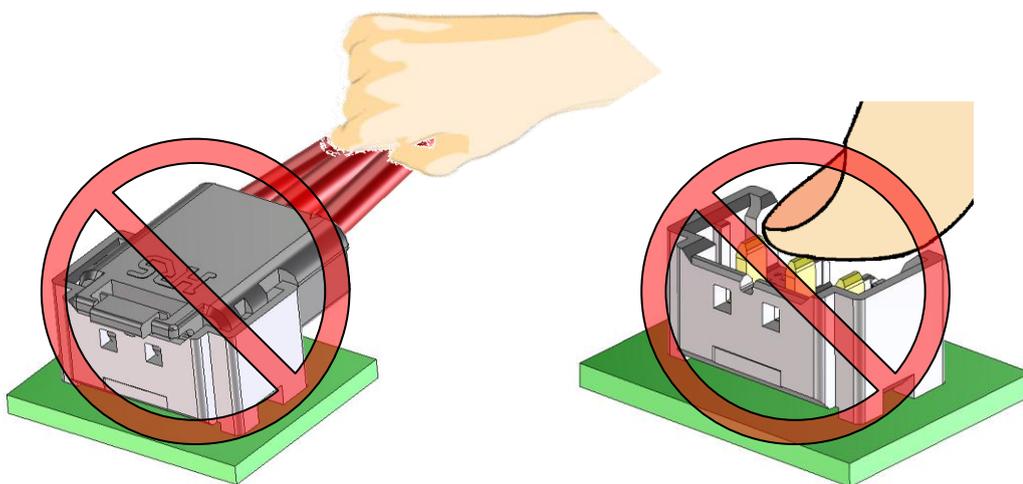


Fig 7. Mating Condition



Fig 8. Prohibited the contact