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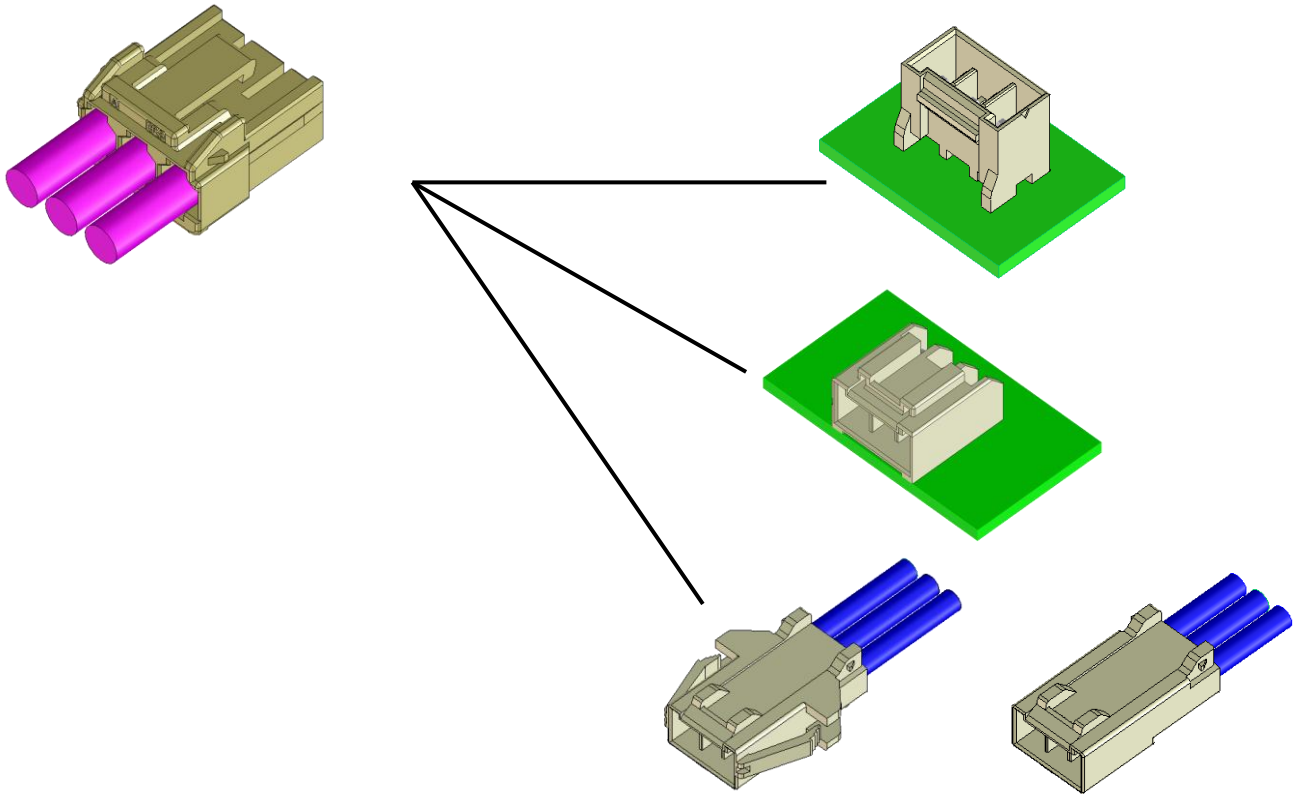
1. Scope

This document specifies the steps to insert or remove the DF63 series.

It contains general guidelines and precautions for the safe use of the product. The use of the product in a way not as specified in the document could result in unexpected troubles such as damage to connectors. Please make sure to thoroughly read and understand the document prior to the use of the product.

2. Connectors

Part No.	Description
DF63%-*S-3.96C(##)	Socket
DF63%-*P-3.96DS(A)(##)	Header
DF63%-*EP-3.96C(##)	In-line Plug
DF63%-****SC(F)(A) DF63%-****PC(F)(A)	Crimp contact



（**E.g.**）DF63-3S-3.96C
+DF63-1618SCF(Cables attached)

（**E.g.**）DF63M-3P-3.96DSA
DF63M-3P-3.96DS
DF63-3EP-3.96C
DF63A-3EP-3.96C

Fig1.DF63 connector

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠1					

名　称　TITLE

DF63 Series Mating / Unmating Operation Instruction Manual

HIROSE ELECTRIC CO.,LTD.

APPROVED	HS.OKAWA	20190514
CHECKED	SZ.ONO	20190514
DESIGNED	TO.KUROMATSU	20190514
WRITTEN	TO.KUROMATSU	20190514

TECHNICAL SPECIFICATION	ETAD-H0892-00	⚠1	1 / 6

3. Operation procedure

3-1. Insertion

3-1-a. Positioning for insertion:

: Adjust the position for insertion according to the locks of the socket or In-line plug.

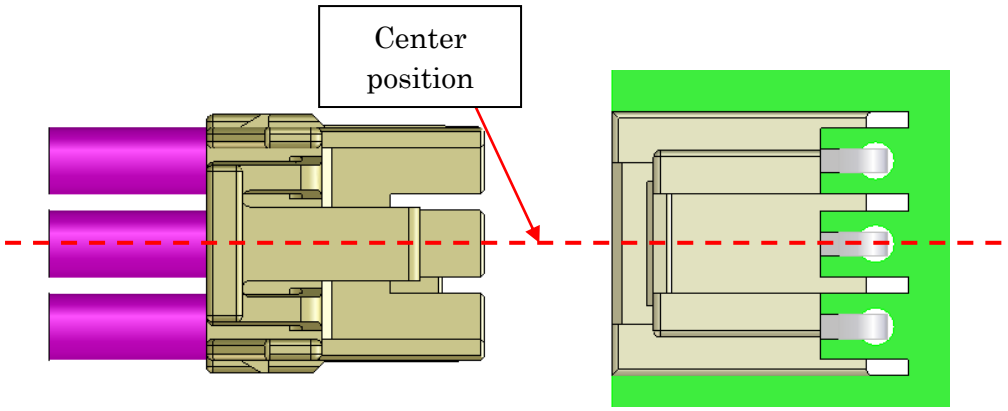


Fig2. Positioning for insertion

3-1-b. Insertion:

Insert the socket till it clicks while retaining the adjusted position.

Then, it is not needed to handle the lock portion

(If it is inserted the socket by pushing the lock portion, it does not hear click sound.)

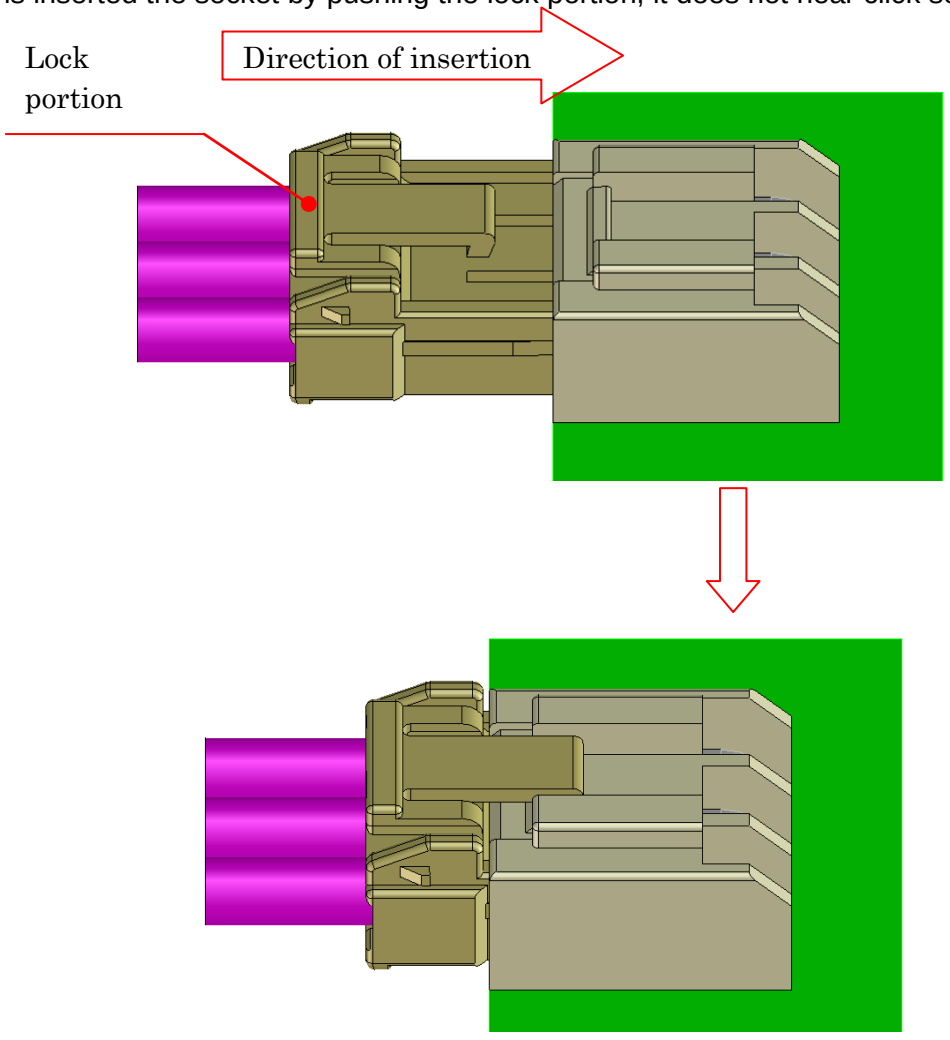


Fig.3 Insertion

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To avoid degraded quality, do not tilt the socket for insertion as shown in the figure below.

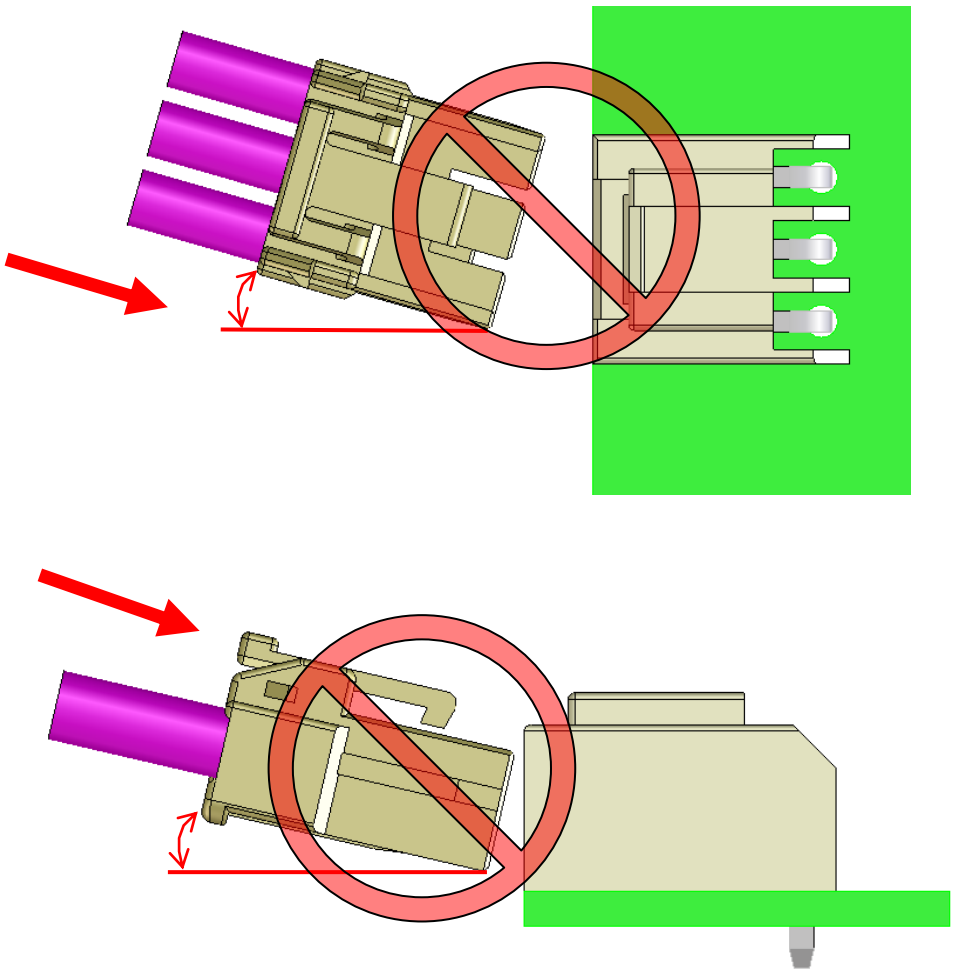


Fig.4 Prohibited insertion

3-1-c. Check fitting:

Make sure the socket has been firmly fit with the header or In-line plug.
(Check that the socket lock has been caught at the header lock or In-line plug lock by slightly pulling a cable by hand.)
To remove the socket, refer to 3-2. Socket removal.

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3-2. Socket removal

3-2-a. Removal:

: Remove the socket while pressing with a finger the lock spring on the socket to unlock.

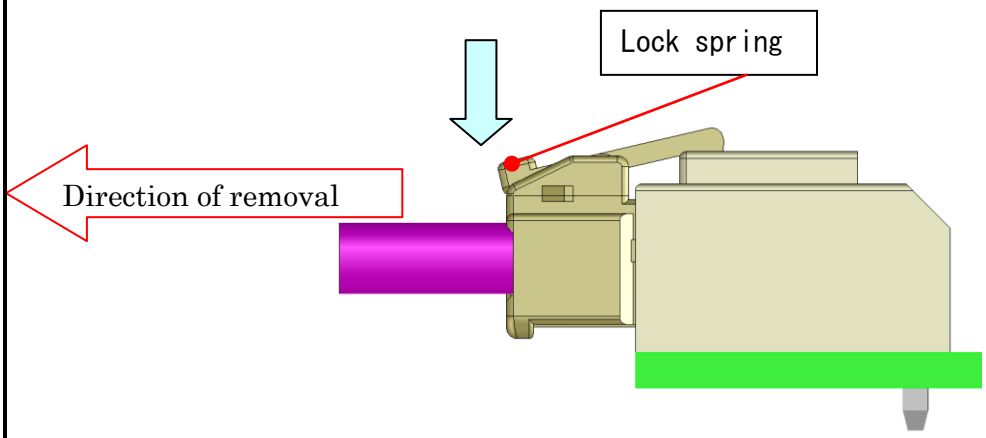


Fig.5 Socket removal

To avoid degraded quality, do not tilt the socket for removal as shown in the figure below.

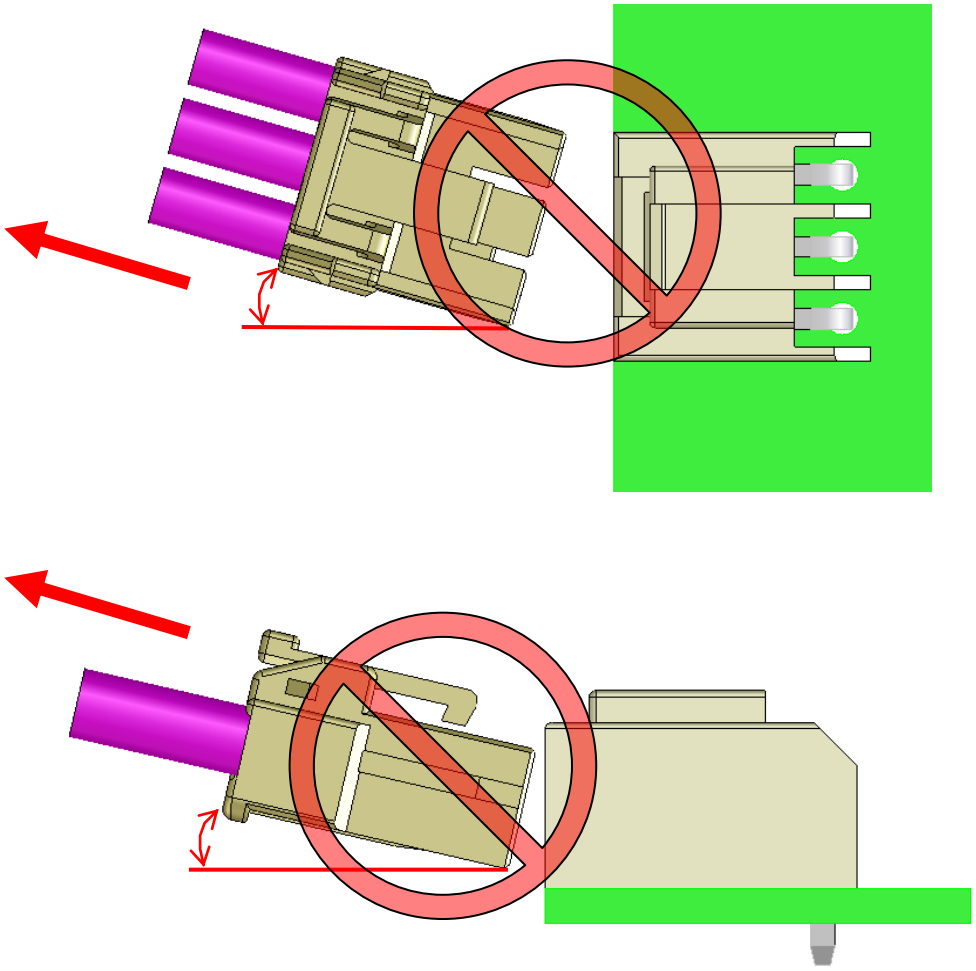


Fig6. Forbidden removal

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Attention） Not to remove socket in the locked status as it will lead to breakage of locking portion or cable broken.
If remove socket in the locked status, the lock is engaged to header lock portion as below picture shown. Then, it can not handle the lock. In this case, please insert the socket once. After that, handle the lock portion.

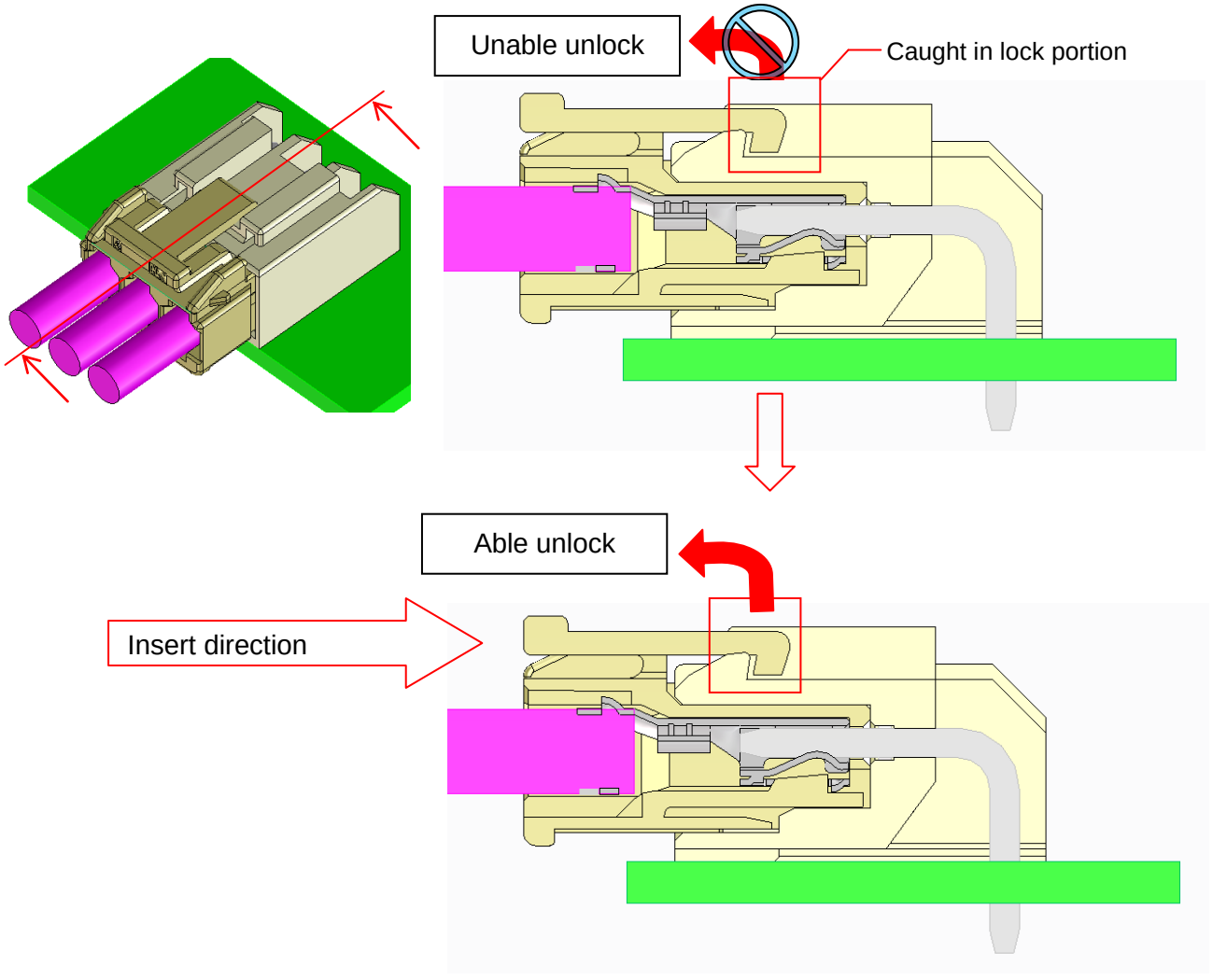


Fig7. How to handle to avoid unable unlock status

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4. Precautions

- Do not insert or remove the socket while electrifying.
- Excessive external force applied to connectors could cause fault or damage. Therefore, avoid forced insertion or removal, impacts given by falling, or forced pulling of cables.
- Avoid insert socket by bundling the cable or applying stress to the socket like below picture shown.

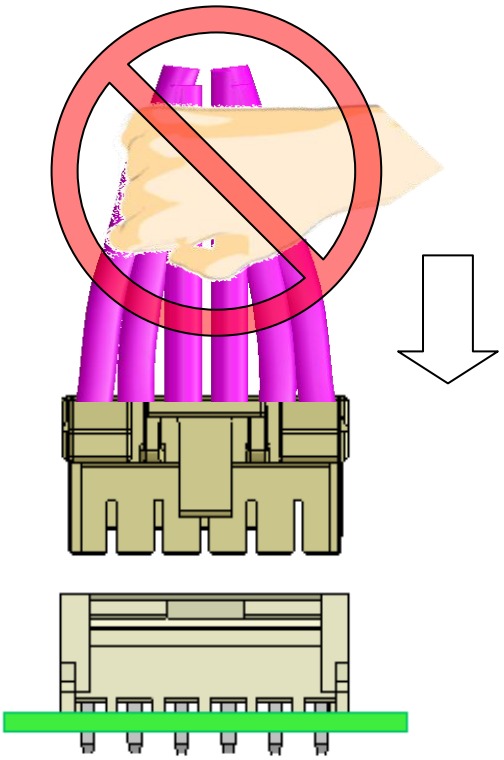


Fig8. Forbidden insertion

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