TECHNICAL-SPECIFICATION
(技 術 指 定 書)

SIGN	WRITTEN	DESIGNED	CHECKED	APPROVED	RELEASED
	Choi.S.W 20.04.22	Choi.S.W 20.04.22	Lim.S.M 20.04.24	Lim.S.M 20.04.24	

No.	DOC200122-005	SHEET	1/4

TITLE

KW30-SERIES
KW30 Operation Manual

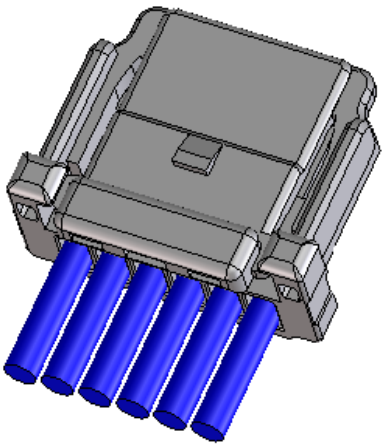
NO.	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1	2	RE-6-1806	Choi.S.W	Lim.S.M	20.04.24

1. Scope

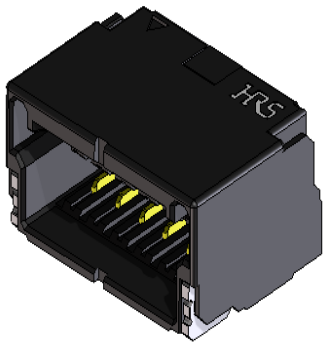
This document specifies the insertion/extraction procedures of KW30-Series.

2. Part Number

Part Number	Description
KW30-*S-#H	Male Connector (Header)
KW30-*P-#C	Female Connector (Socket)
△1 KW30#-****PCFA	Female Terminal (Crimp contact)



KW30-6P-1C
+△1 KW30#-****PCFA



KW30-6S-1H

Fig. 1.KW30-Series

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3.Operation Procedures

3-1.Insertion

3-1-a.Matching inserting direction

: Match inserting direction of header and socket according to their lock position

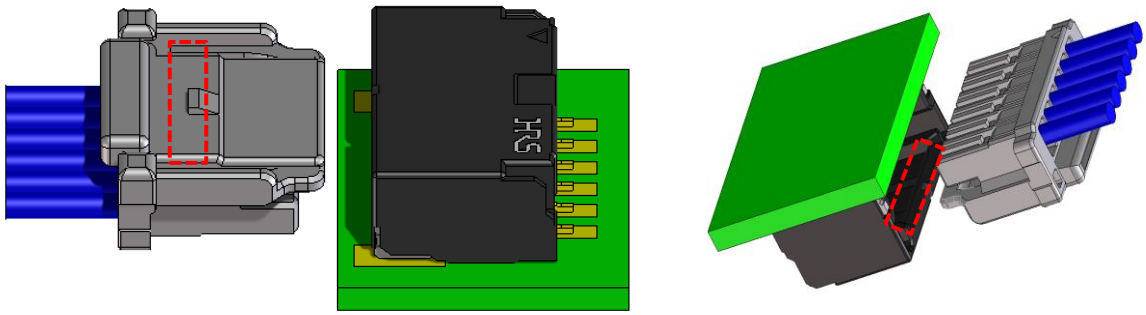

Fig. 2. Matching Insertion direction

3-1-b.Insertion

: Insert socket until tactile click feel generates,
keeping the inserting direction and not pressing the lock part.

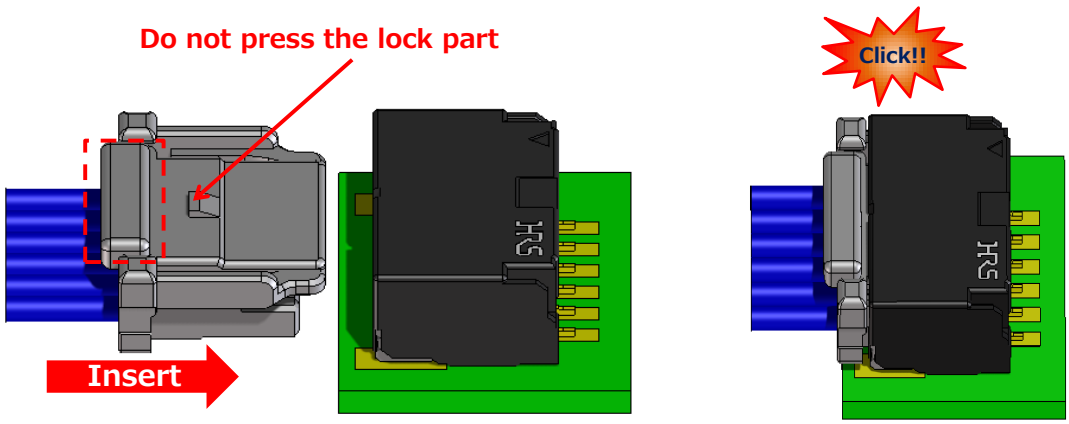

Fig. 3. Insertion Method

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Caution 1 : Do not insert socket with oblique angle as the below Fig. 4.
Oblique insertion might lead to a defect in product.

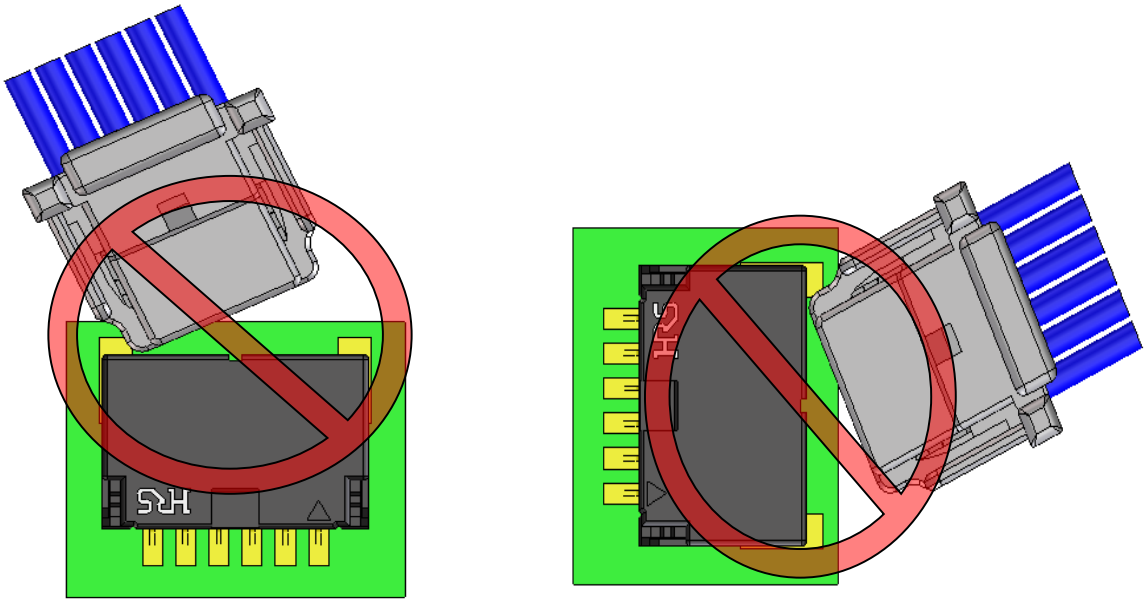

Fig. 4. Prohibited inserting method

3-1-c.Mating Check
: Check the mating condition whether the lock of the socket is securely has been caught at the lock of the header.
(Proceed optical inspection or slightly pull the cable to check.)

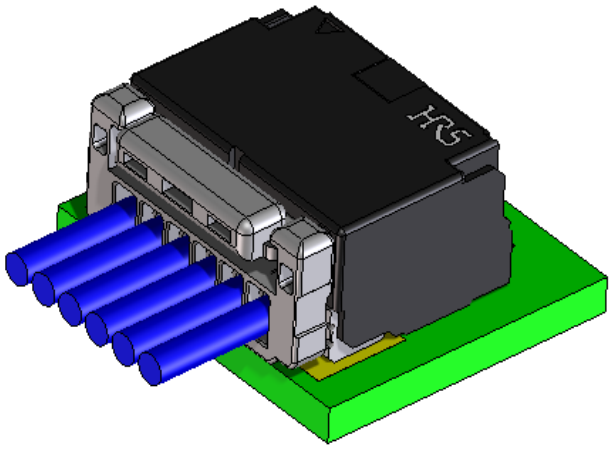

Fig. 5. Mating Status

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3-2.Extraction

3-2-a.Cable holding

: Hold securely all of the cables.

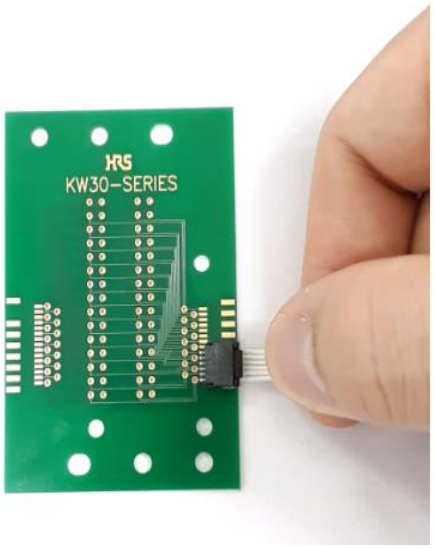

Fig. 6. Cable holding

3-2-b.Unlocking

: Release the locking as pressing the lock button with finger and pull out the cable.

Caution) If the locking is not released, the socket would not be extracted properly from header.

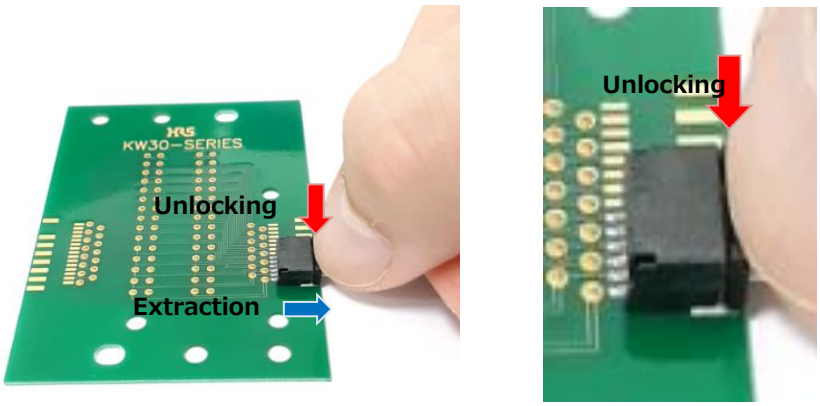

Fig. 7. Unlocking method

4.Precaution

・Do not insert or remove the cable while electrifying.

・Excessive stress applied to connector could cause failure and/or deformation.

・Avoid forcible removal and drop impact.

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