

1. Scope

This specification defines how to handle (operate) the HR22K connector.

2. Mating and Disengagement Method

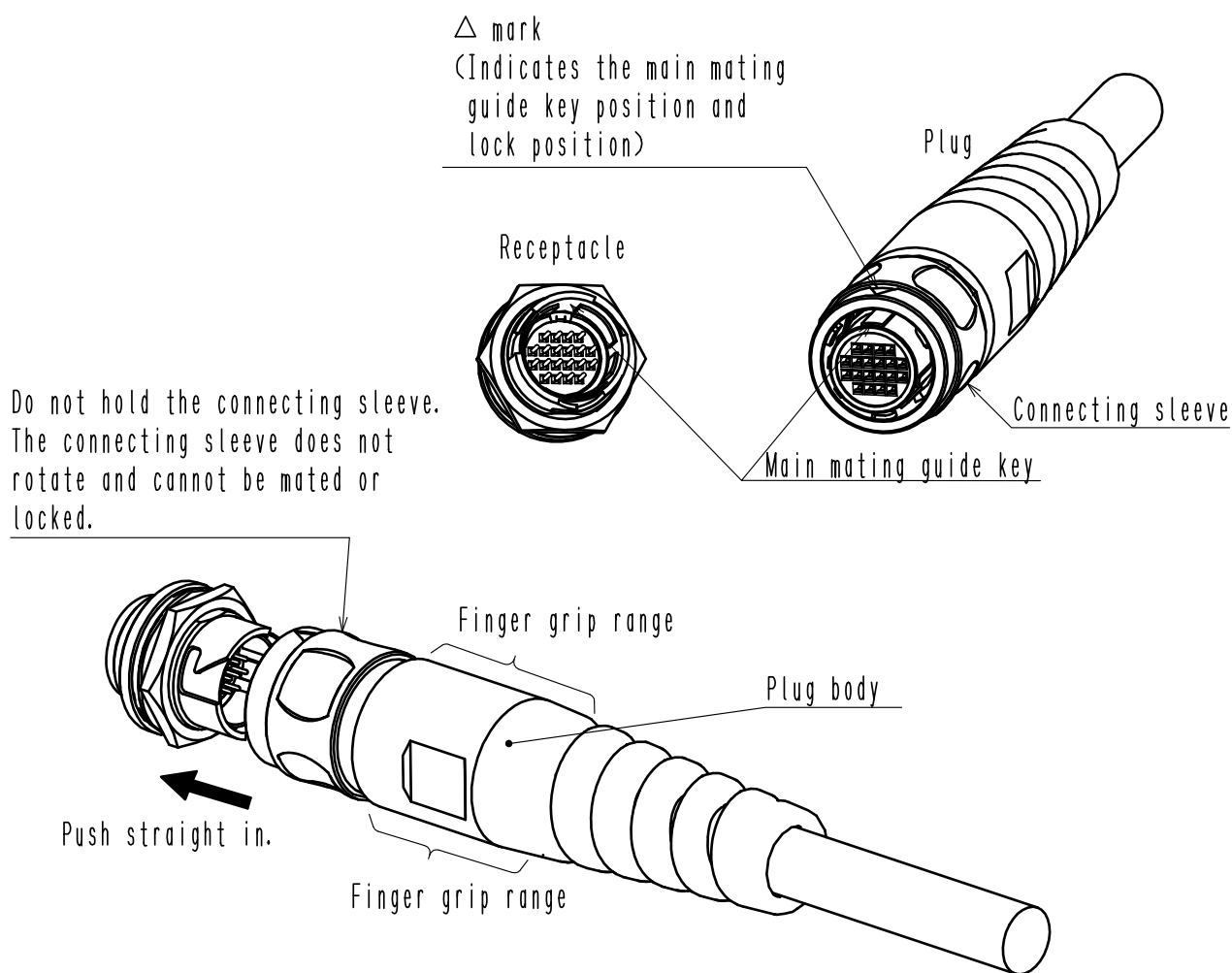
(1) Check Before Use


Make sure that there is no damage, deformation, cracks or loose parts for any of the connector components.

Make sure that there are no foreign objects or moisture adhering to the connector mating face.

(2) How to Mate

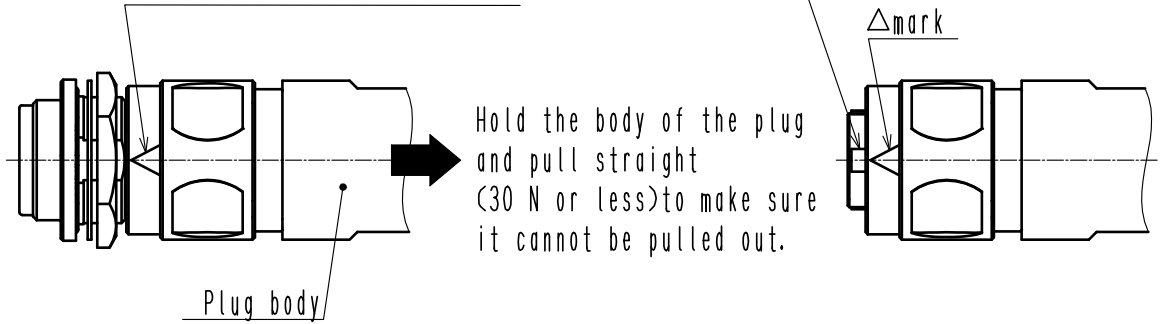
Hold the body part of the plug shown in the figure below and align the main mating guide key position. Push it straight in until it clicks into place.



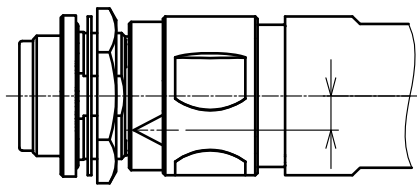
COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
△0					
TITLE			 HIROSE ELECTRIC CO., LTD.		
INSTRUCTION MANUAL					
HR22K					
TECHNICAL SPECIFICATION					
			APPROVED	TP. KOMATSU	20220909
			CHECKED	HY. KOBAYASHI	20220908
			CHARGED	HY. KISHI	20220908
			WRITTEN	HY. KISHI	20220908
			ETAD-C0494-00	△	1/3

(3) Confirmation of Locking Status

When locked, the Δ mark is on the axis of the main mating guide key.



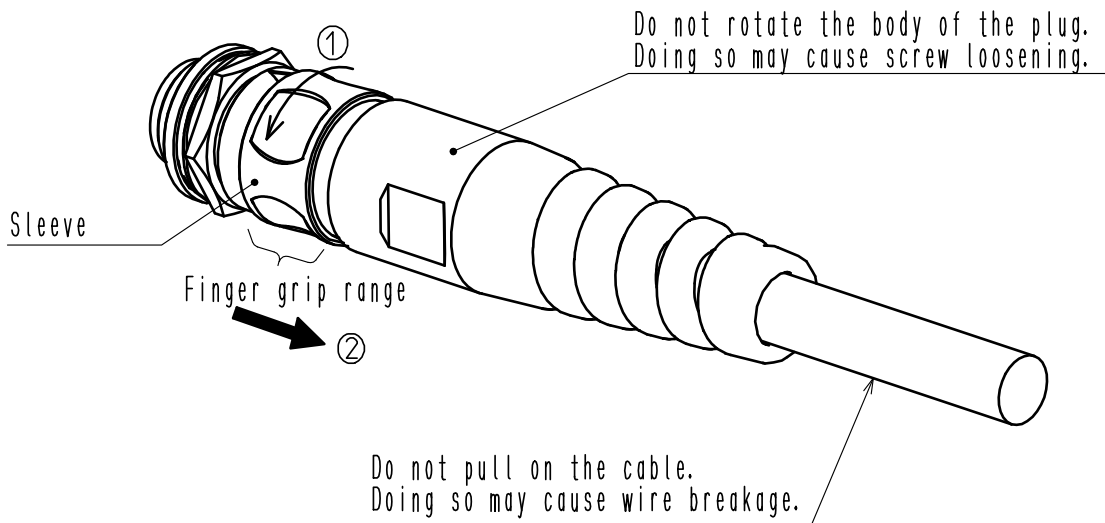
When the Lock is Not Fully Engaged



If the Δ mark is out of alignment, it is likely that the lock is not locked and the connectors are not fully mated. Push the plug in further until you hear a click and confirm that the Δ mark is on the axis of the main mating guide key.

(4) How to Disengage

- ① Turn the connecting sleeve of the plug counterclockwise until it cannot be turned any further.
- ② With the connecting sleeve turned, pull straight down. When pulling the plug, do not pry or force it out if the lock is not fully released.



3. Receptacle Mounting Precautions

(1) Lead Wire Routing

Route the lead wires connected to the receptacle with slack.
If the lead wires are secured when strongly pulled, wire breakage,
contact deformation or disconnection may occur.

(2) Bundling Lead Wires

When bundling the lead wires using a cable tie or other means, secure them
at a sufficient distance from the connector in order to prevent the lead wires
from being pulled or bent.

(1) Lead Wire Routing

(2) Bundling Lead Wires

