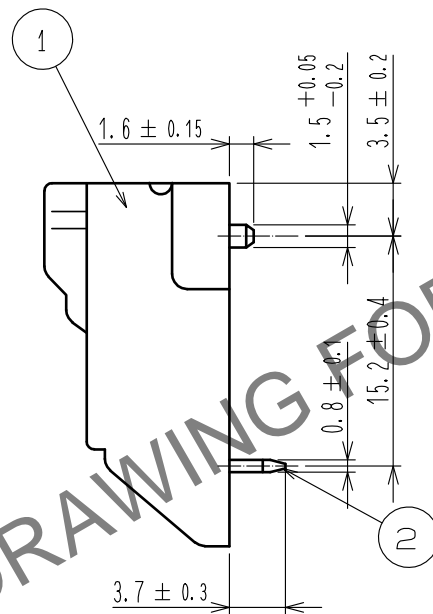
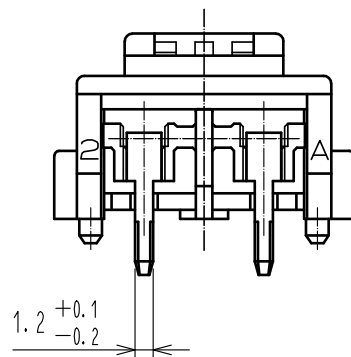
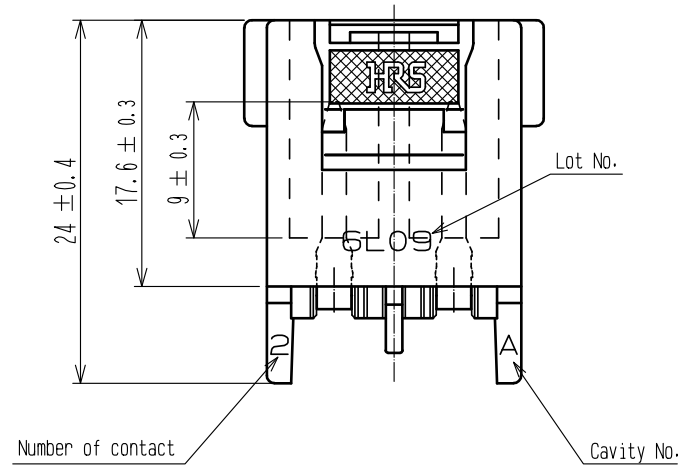
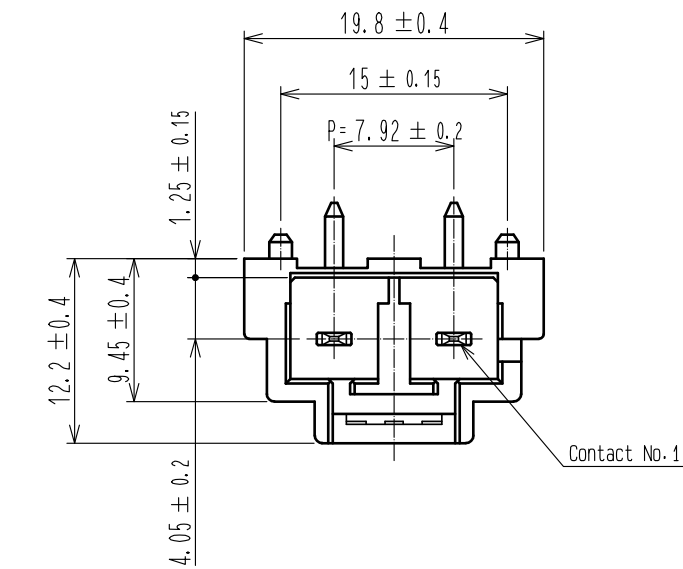
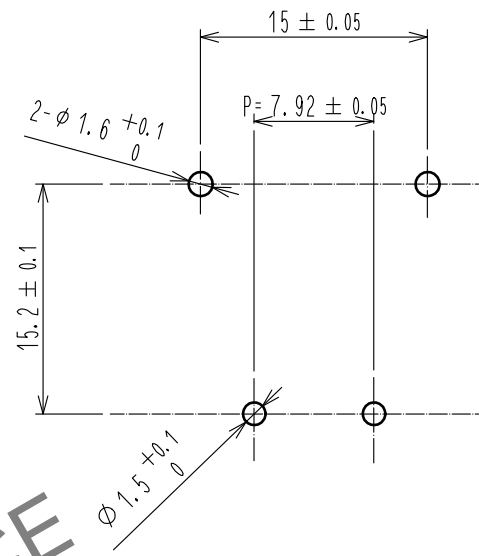


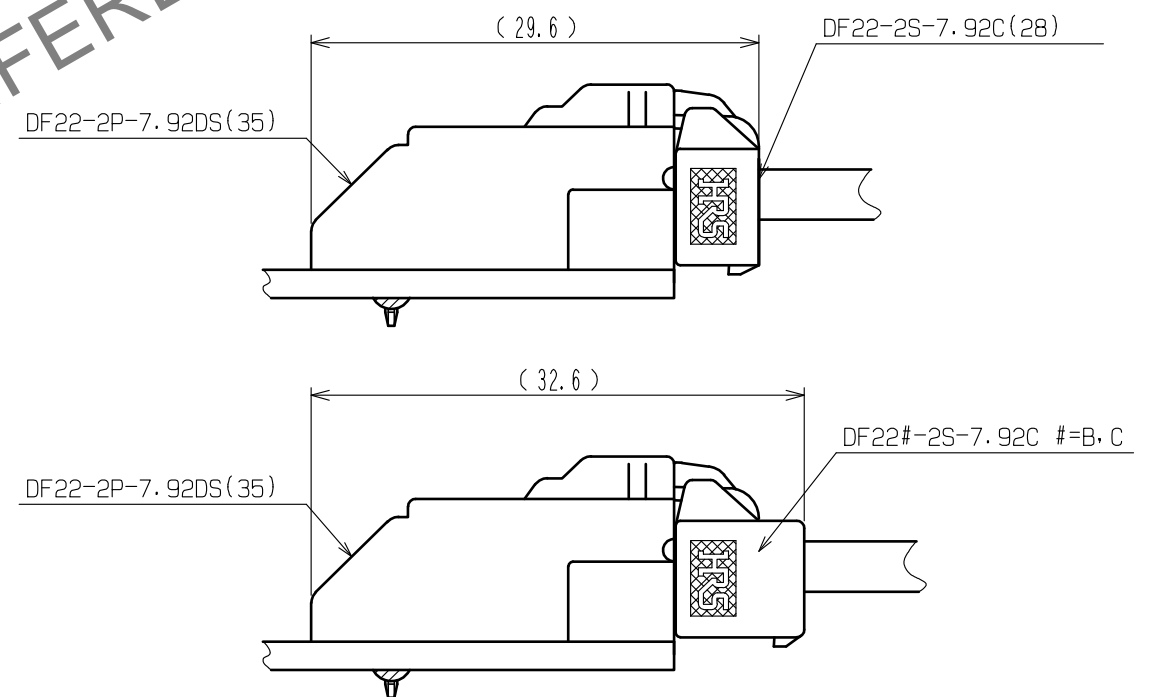
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.  
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



PCB layout(thickness of pcb:1.6mm)



Application diagram



Note 1 :UL(File no.E52653)  
C-UL(File no.E52653)  
TUV(Certificate no.R9950703)



2 :100 Connectors are in one pack.

1	Polyamide	Natural(beige)・UL94V-0	2	Copper alloy	Surface:Tin-copper plated 1μm min Under plating:Nickel plated 0.5μm min
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 1	DESCRIPTION OF REVISIONS DIS-H-00003575	DESIGNED TS. KUMAZAWA
HIROSE ELECTRIC CO., LTD.		APPROVED :KI. AKIYAMA	15. 07. 02	DRAWING NO.	EDC-163023-35-00
		CHECKED :TS. FUKUSHIMA	15. 07. 02	PART NO.	DF22-2P-7. 92DS(35)
		DESIGNED :TS. KUMAZAWA	15. 07. 01	CODE NO.	CL680-1008-5-35
		DRAWN :MI. SAKIMURA	15. 07. 01		
					18. 03. 29

May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.  
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



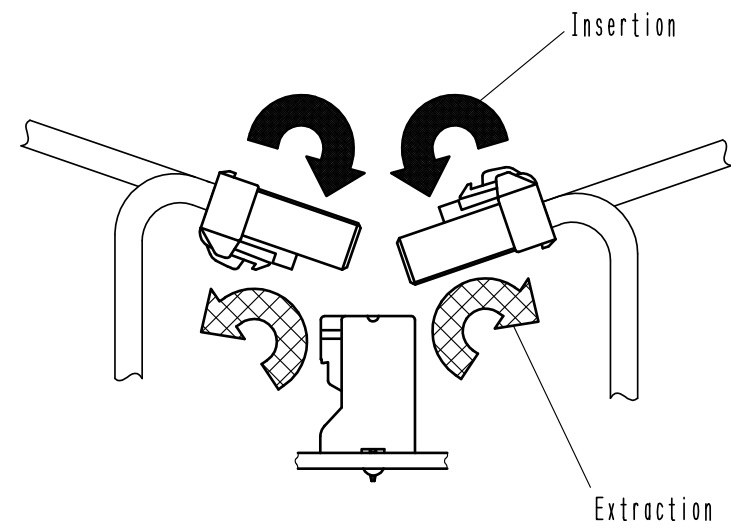
## Precautions

### Notification for Insertion Extraction

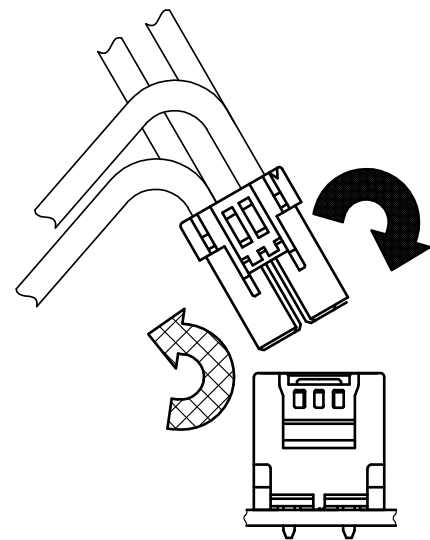
- 1) Please insert(extract) the crimping socket straight to the mating connector.  
Insertion(extraction) at tilted angles applies load concentration to the connetor end and may cause deformation (at connection area, socket and header case, etc). There is firing risk using this kind of deformed connector.



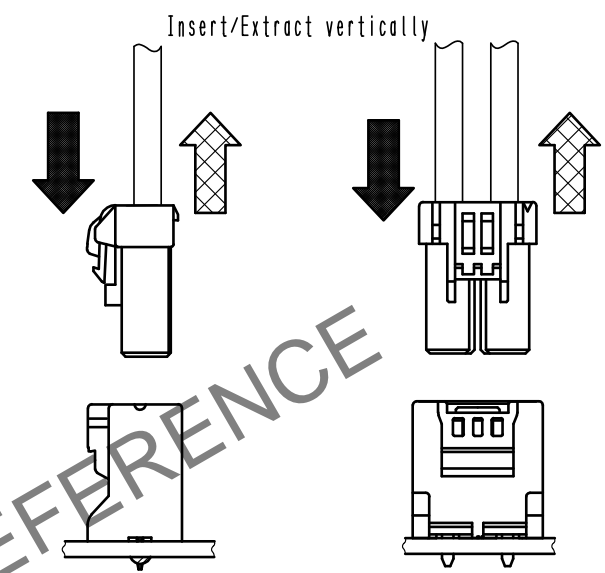
Insertion(Extraction)



NG



NG



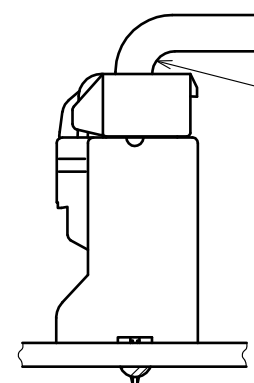
OK

- 2) When it is hard to extract, please lightly insert the connector beforehand and then pull it with releasing the lock.  
Forced extraction has a risk of connector breakage.

### Notification of wiring

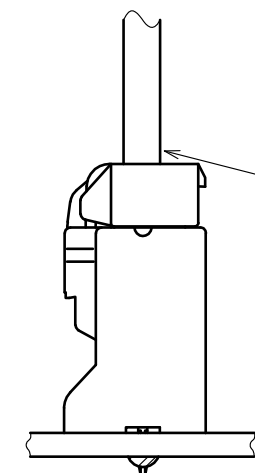


- 1) When using a thick cable, short cable length and bending close to the connector end, these load concentration may cause deformation.  
Please note that there is firing risk using deformed connector.  
When installing, please refrain from stress concentration such as cable bending close to the connector end or cable twisting.



NG

Stress concentration;  
Cable bending close  
to connector



OK

No stress concentration;  
No cable bending close  
to connector



- 2) When applying load to connector end, please use the retainer for reducing the stress affection on the connector.  
Retainer shall be installed after inserted crimping contact completely. It might be impossible to insert it when terminal installation is incompleted.



DRAWING NO.	EDC-163023-35-00
PART NO.	DF22-2P-7. 92DS(35)
CODE NO.	CL680-1008-5-35