

Technical drawing of a Hirose DF22L connector, showing dimensions, configurations, and application diagrams.

Dimensions:

- A: ± 0.4
- B: ± 0.15
- C: ± 0.3
- P: 7.92 ± 0.2
- 1.25 ± 0.15
- 12.2 ± 0.4
- 9.45 ± 0.4
- 4.05 ± 0.2
- 24 ± 0.4
- 17.6 ± 0.3
- 9 ± 0.3
- 1.6 ± 0.15
- $\phi 1.5^{+0.05}_{-0.2}$
- 3.5 ± 0.2
- 15.2 ± 0.4
- 0.8 ± 0.1
- 3.7 ± 0.3
- 1.2 $^{+0.1}_{-0.2}$

Configurations:

- DF22L-2P-7.92DS(53)
- DF22L-4P-7.92DS(53)

Application diagrams:

- DF22L-*P-7.92DS(53)
- DF22L-*S-7.92C(28)
- DF22CL-*S-7.92C

Notes:

- Per pack: 100 pieces.
- UL (File No. E52653)
- C-UL (File No. E52653)
- TUV (File No. R9950703) authorization article.

Markings:

- HRS marking
- Lot No.
- Cavity No.
- Number of contact
- Polarization marking

Tables:

Part No.	Code No.	Number of contact	A	B	C
DF22L-2P-7.92DS(53)	CL680-1022-6-53	2	19.80	15.00	7.92
DF22L-3P-7.92DS(53)	CL680-1023-9-53	3	27.72	22.92	15.84
DF22L-4P-7.92DS(53)	CL680-1024-1-53	4	35.64	30.84	23.76
DF22L-5P-7.92DS(53)	CL680-1025-4-53	5	43.56	38.76	31.68

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
1	Polyamide	Red.	UL94V-0	2	Copper alloy		Contact area: Gold plating 0.2μm min Lead area: Tin plating 1μm min Under plating: Nickel plating 1μm min Other: Nickel plating 1μm min

Approval and Revision:

APPROVED	20200309	DRAWING NO.	EDC-164401-53-00
CHECKED	20200309	PART NO.	DF22L-*P-7.92DS(53)
DESIGNED	20200309	CODE NO.	CL680-
DRAWN	20200306		

Units: mm

Scale: 2 : 1

Count: 1

Description of Revisions:

Designed:

Checked:

Date:

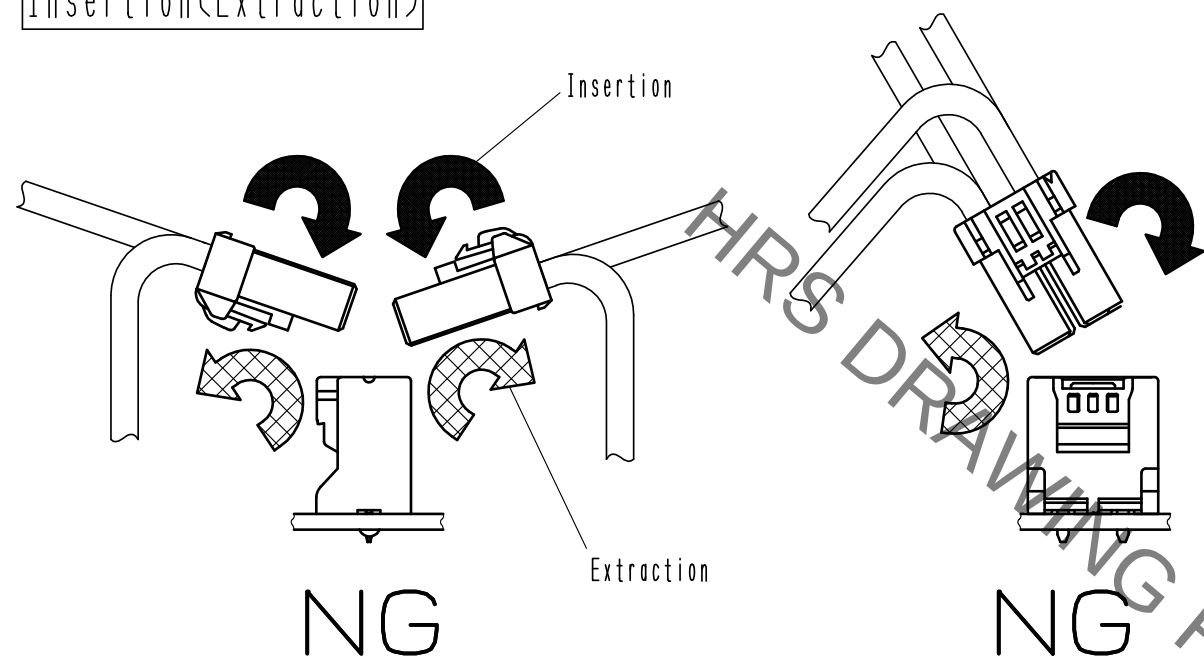
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Precautions

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 connector end and may cause deformation (at connection area, socket and header case, etc). There is firing risk using this kind of deformed connector.

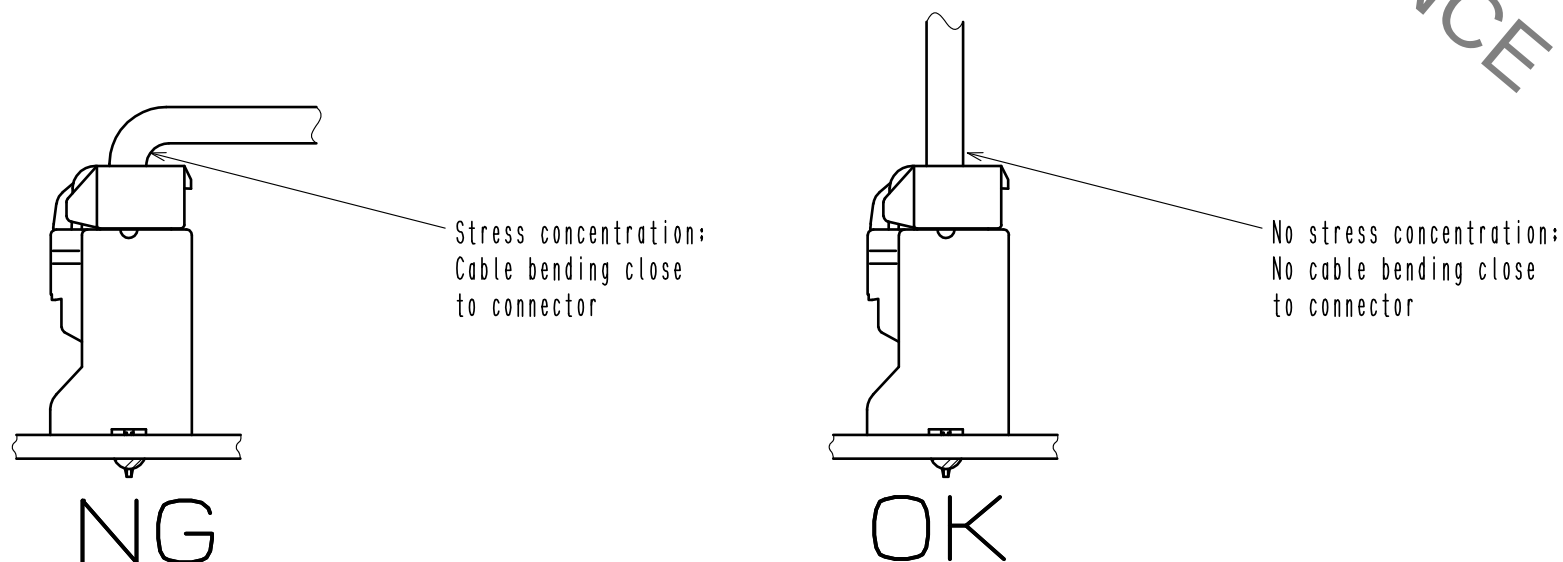
Insertion(Extraction)



- 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.



- 2) Since this product uses thick wires, a larger load is applied to the connector when inserting/extracting or routing the wires.
Please use a retainer to reduce the load on the connector.

HRS

DRAWING NO.	EDC-164401-53-00
PART NO.	DF22L-*P-7.92DS(53)
CODE NO.	CL680-

2/2

Mouser Electronics

Authorized Distributor

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[DF22L-4P-7.92DS\(53\)](#)