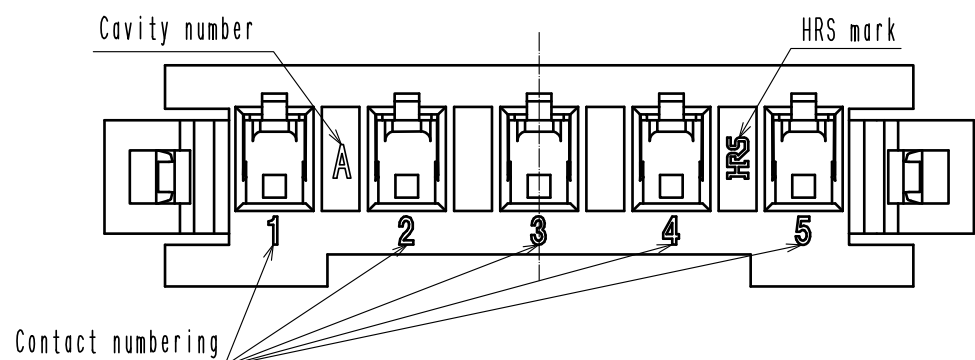
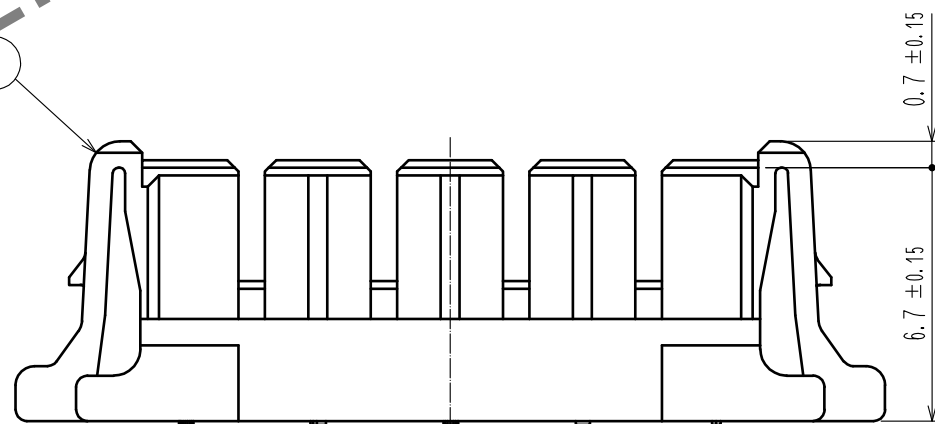
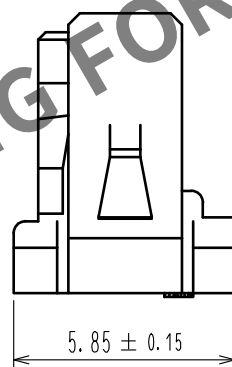
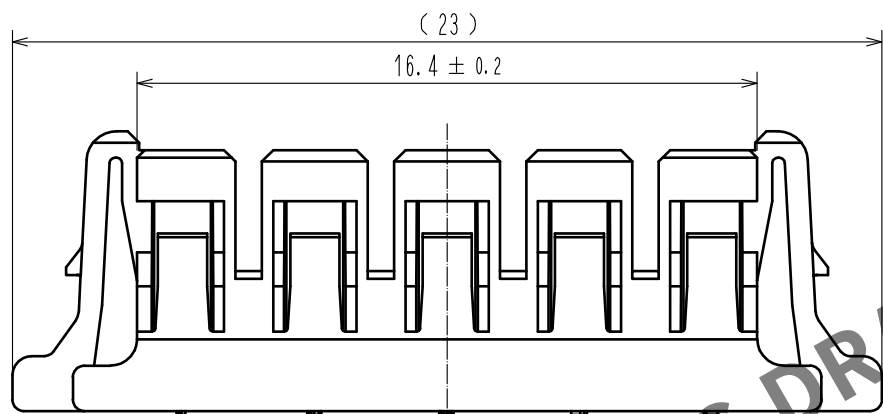
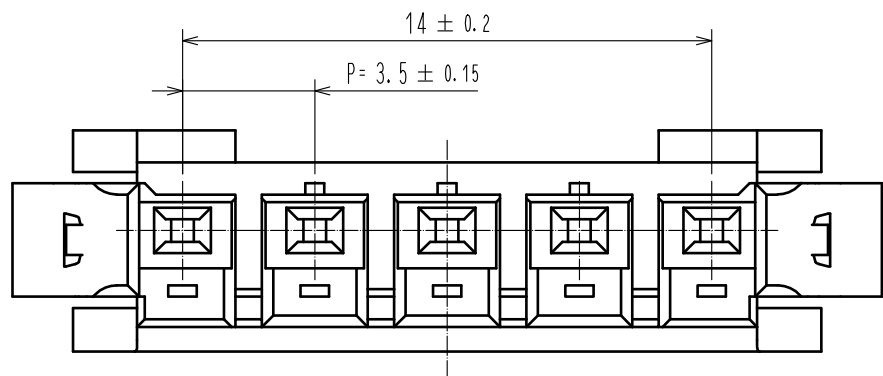


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



NOTE 1. Per pack : 100pieces
2. The dimension in parenthesis are for reference.
3. Part No. of ORIENTAL MOTOR CO.,LTD. : THMDF97-5S-3.5C

				1	PBT	UL94V-0. BLACK
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 5 : 1	COUNT 	DESCRIPTION OF REVISIONS		DESIGNED
HIROSE ELECTRIC CO., LTD.		APPROVED : HS. OKAWA	16.11.18	DRAWING NO.	EDC-354809-00-00	
		CHECKED : TS. FUKUSHIMA	16.11.18	PART NO.	MDF97-5S-3.5C	
		DESIGNED : TS. MIYAKI	16.11.18	CODE NO.	CL547-1101-8-00	
		DRAWN : TS. MIYAKI	16.11.18		1/2	

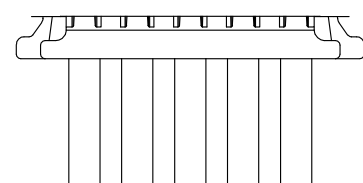
Connector should be handled with care. Please use according to below description.

Usage precaution

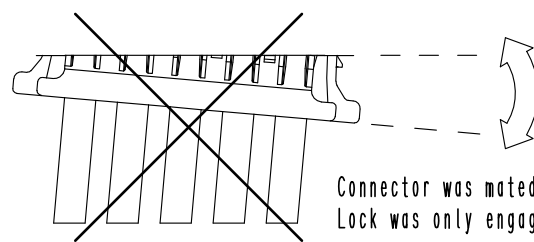
◆Connector insertion:

After insertion, please confirm that the connector is mated in the correct position.

MDF97-5S-3.5C



Fully mated



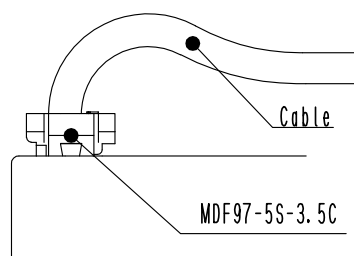
Half mated

Connector was mated at an angle.
Lock was only engaged on one side.

◆Cable wrenching:

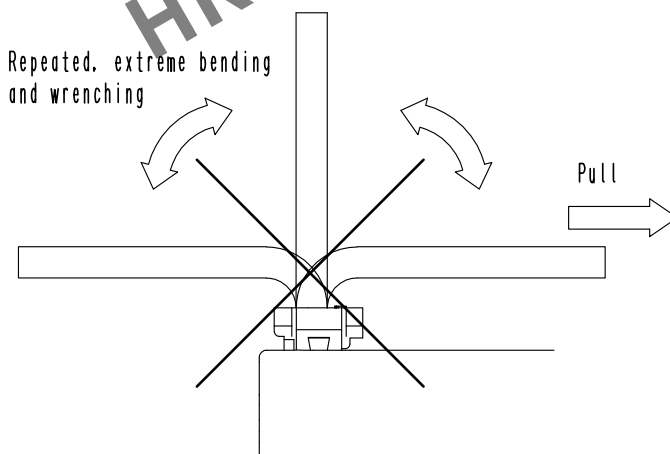
When wrenching the cable, please make sure to retain sufficient slack on the cable to lessen the stress on the connector.
Also, if the cable is bend repeatedly or the cable is pulled with, the contact crimp part and connector get stress, resulting in contact failure.

Sufficient cable slack to lessen stress on connector



Free from stress by wiring

Repeated, extreme bending and wrenching



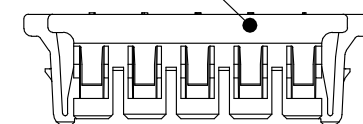
Connector gets stress

◆Harnessing process (crimp contact insertion):

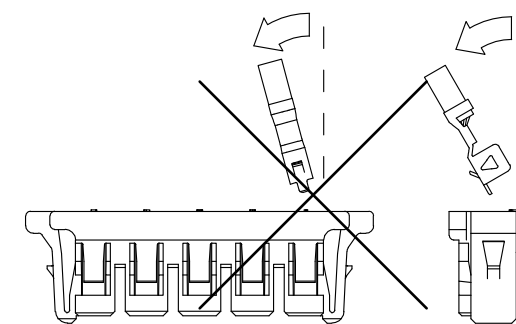
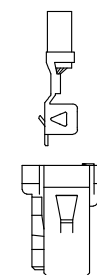
Hold the crimp contact by the cable and insert it one by one into the socket holes.
Please avoid insertion at an angle.

MDF97-22SC**

MDF97-5S-3.5C



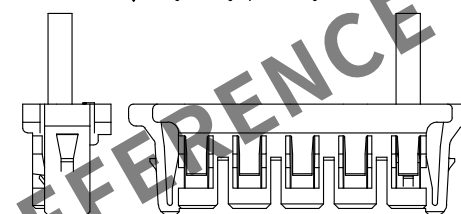
Straight insertion



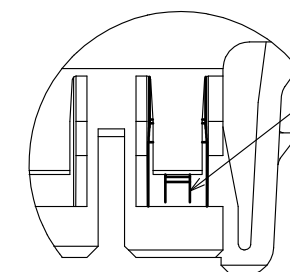
Angled insertion

** the omitted two letters define the contact plating and packaging type
(No letters: Tin plated loose piece; F: Tin plated reel; C: Gold plated loose piece; FC: Gold plated reel)

After contact insertion, please confirm the contact lance is properly connected to the housing lance.
(Do so by lighting pulling at the cable)



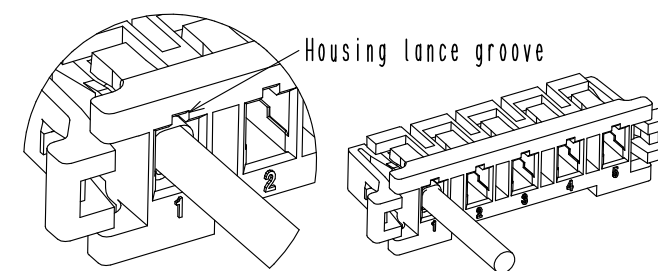
After insertion



Contact lance and housing lance are properly hooked.

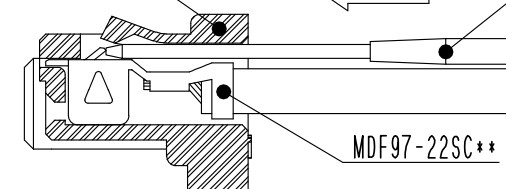
◆Contact removal:

When removing contacts, insert the removal tool into the housing lance groove until it touches the contact lance.
Then, hold the removal tool together with the wire and pull both out of the housing.



MDF97-5S-3.5C

Removal tool
DF-C-PO(A)



MDF97-22SC**

Please take care, that insertion and removal of the tool with excessive force can damage the contact.
Also, since the removal will weaken the socket lance, please do not reuse the same housing.

◆Packing and Storage:

In case of packaging and storage of the harnessed product, please take care not to apply excessive burden to the lock part of the connector.
If a burden is applied to the lock part, and it is exposed to head and humidity over a long time, the lock part can become deformed, making it unable to mate.

HRS

DRAWING NO.	EDC-354809-00-00
PART NO.	MDF97-5S-3.5C
CODE NO.	CL547-1101-8-00

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