1. Scope

This document specifies the cable assembly processes of DF81 series(DF81%-*P-0.4SD, DF81%-*P-LCH, DF81%-*P-SHL) terminated with micro coaxial cable (AWG#40 to 46).

2. Part Number

Item	Description
DF81※-*P-0.4SD	Connector unit
DF81※-*P-LCH	Latch
DF81※-*P-SHL	Shell

※: Classification*: Pin counts

3. Required Components

The connector (DF81 series) consists of a connector unit, a Latch, and a shell. The assembly process is as follows;

-Solder the center conductor of micro coaxial cables to the connector unit

- Assemble the Latch and the shell to the connector unit







- Note : *4 Cable assembly with the center conductor extending from the contact width could cause short circuit by solder bridge and/or deterioration of withstanding voltage performance. Carry the withstanding voltage check and make sure thatthe result satisfies the performance specified by Hirose.
 Enlarged View of C Withstanding voltage failure could occur if the center conductor extends from these lines.
- 5-3. Procedure2: Soldering of the Center Conductor Solder all the center conductors at the same time with pulse heater.

Heat conditions for soldering

Method: Max 270 degree C up to 5 seconds / over 200 degree C up to 30 seconds Requirement: No melting of the insulator

•Note : ***5** Make sure that the tip of the center conductor will not float as described in the following figure in order to prevent the short circuit after the shell assembly.

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Soldering position each Left and right

View from A as shown with the arrow

Soldering position each Left and right

FORM HC0011-9-2

