1. Scope of guideline

This document defines the cable assembly process of DF38 series (DF38 - P-0.3SD, DF38 - P-SHL) and Micro coaxial cable(AWG#42-46).

2. Part Number

ltem	Application	
DF38 - P-0.3SD	Connector Unit	
DF38 - P -SHL	Shell	=Pin counts

3. Connector Configuration

This connector (DF38 series) consists of "connector unit" and "shell". After soldering the inner conductor of micro coaxial cable on "connector unit", "shell" is assembled on the "connector unit".



FORM HC0011 -9 -1

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4. Applicable cable

Before assembly, alignment treatment should be done on the micro coaxial cable as described in following drawing. (Below figure shows an example how to set micro coaxial cable before cutting.)

*"n"shows pin counts.



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5-4. UV Potting

To electrically insulate inner conductor from shell, soldering part needs to be coated with UV curable resin.

[Note 1] The UV curable resin should cover the area of inner conductor and soldering. Additionally please do not let the resin stick out from below line.



[Note 2] Please use 3033 made by Three Bond or similar product for UV curable resin.

Please follow the recommended condition by UV curable resin manufacturer for the UV irradiating condition.



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5-8. Electrical inspection

Receptacle connector for electrical inspection is as follows.

ltem	Application	
DF38#J -*S -0.3V	Receptacle connector for	
	electrical inspection	

* : Pin counts

: Classification

At electrical inspection process, please make sure that there is not any defect such as wire broken, damaged and deformed. Additionally please be careful not to apply force on one specific cable intensively, and not to pull cable out with angled direction.



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