



Title of Document:	Request for Change	Issue No. G23-01511	Rev. 0
Customer:		Issue date: March 10, 2023	
Title subject:	① XCC/CFF connectors: Addition of copper alloy material ② XCC connector: Gold plating appearance change	Revision date:	

We would like to inform you that one new copper alloy material shall be added and the appearance of the gold plating shall be changed for the above subject products as follows.

1. Target product

Part name	Part number	Additional material Target products	Plating appearance change Target products
XCC connector	XCC-HC21SR-S532-R1101 (LF)(SN)	Applicable	Applicable
	XCC-HC21SR-S532-R1201 (LF)(SN)	Applicable	Applicable
	XCC-HC21SR-S532-N1401T (LF)(SN)	Applicable	N/A
	XCC-HC21SR-S532-N1501 (LF)(SN)	Applicable	N/A
	XCC-HB21SL-S532-N1103 (LF)(SN)	Applicable	N/A
	XCC-HB21SR-S532-R1103 (LF)(SN)	Applicable	N/A
	XCC-HB21SR-S532-R1104 (LF)(SN)	Applicable	N/A
CFF connector	CFF-HC24S-S352-N120T (LF)(SN)	Applicable	N/A
	CFF-HC24S-S352-N120T1 (LF)(SN)	Applicable	N/A
	CFF-HC24S-S352-N130T (LF)(SN)	Applicable	N/A

2. Details of the change

- ① XCC/CFF connectors: Addition of copper alloy material
For XCC/CFF connectors, copper alloy material manufactured by Company B will be added.

Item	Before change	After change
Copper alloy material	Company A	Company A Company B

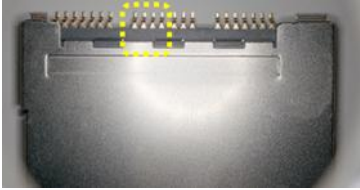
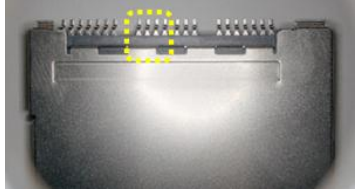


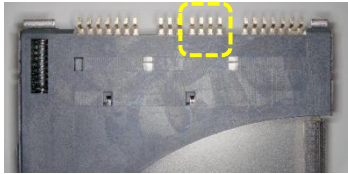
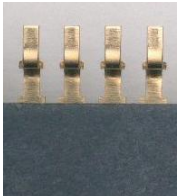

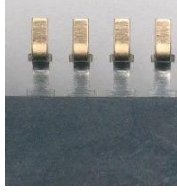
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② XCC connector: Gold plating appearance change

The appearance of the gold plating shall be changed as below.

According to this change, there is no influence in the performance. (See photos below.)

Item	Before change		After change	
Product top surface side		Enlarged yellow dotted line area.		Enlarged yellow dotted line area.
				
Product bottom surface side (Mounting surface)				

The current XCC connectors (subject product to plating appearance change) have gold plating on the entire surface of the contact leads. For the changed products, gold plating is only applied to the solder mounting surface.

3. Reason for the change

- ① Addition of copper alloy material: Due to difficulty of procuring the material.
- ② Gold plating appearance change: In order to control the product price increase due to soaring material prices.

4. Timing of the change

After customer's approval.

Your thought understanding and consideration would be very much appreciated.

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