

Attn.: \_\_\_\_\_

**HIROSE ELECTRIC CO., LTD.**  
2-6-3 Nakagawa Chuoh, Tsuzuki-ku, Yokohama 224-8540

### Product Change Notification

We are writing today to inform you that we will make some changes as shown in the subject for the reason described below.  
We will announce them in advance.

1	Products affected	DF 20 Series (Please refer to attachment 1 for details of the product name.)
2	Replacement product	Please refer to attachment 1.
3	Classification of change	Material change.
4	Changes	<p>We will Change the material of the housing and the surface plating of the reinforcing metal fittings.</p> <p>Please refer to attachment 2 for details.</p> <p><b>【Resin material change】</b> Before: PA46 After: PA6T</p> <p><b>【plating change】</b> Before: Tin copper plating After: Tin plating</p> <p>*DF20F-10DP-1V(57) Moisture-proof packaging specifications with Silica gel are changed to standard specifications. This is due to the change to a material with low water absorption.</p> <p>These changes will not affect the performances of the product.</p>
5	Reason for change	To improve product performance
6	Date of the first reception of orders for the replacement product	December 1, 2020
7	Date of final reception of orders for the current product	March 31, 2021
8	Date of final shipment of the current product	August 31, 2021
9	Date of your acknowledgement	By January 31, 2021

We kindly request that you inform Hirose business representative of your acknowledgement by the aforesaid date.

In the absence of a response by this date, please be advised that replacement product that described above will be delivered.

If you should have any questions, please feel free to contact a Hirose business representative.

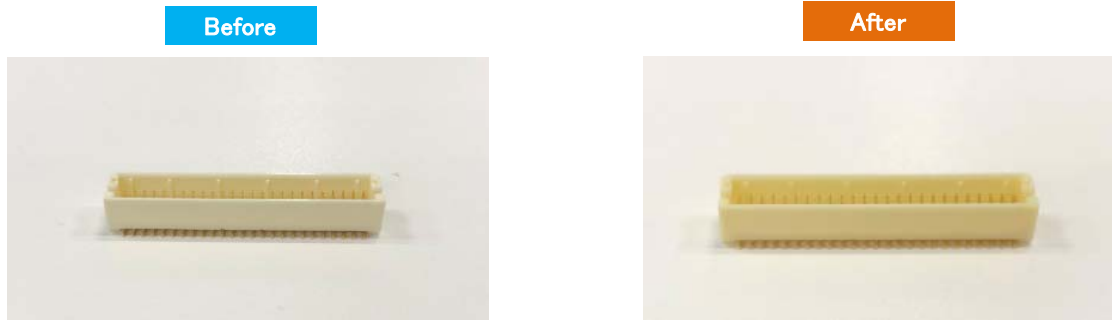
Your understanding and cooperation are highly appreciated.

## ■Product List PCN2020-03\_DF20Series Material change

No.	Current product		Replacement product		Material change		Plating on the surface	
	Product code	Part Number	Product code	Part Number	Before	After	Before	After
1	686-0032-2-55	DF20F-10DP-1V(55)	686-0055-0-65	DF20EF-10DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
2	686-0032-2-56	DF20F-10DP-1V(56)	686-0055-0-52	DF20EF-10DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
3	686-0032-2-90	DF20F-10DP-1V(90)	686-0055-0-91	DF20EF-10DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
4	686-0033-5-55	DF20F-20DP-1V(55)	686-0056-0-65	DF20EF-20DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
5	686-0033-5-56	DF20F-20DP-1V(56)	686-0056-0-52	DF20EF-20DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
6	686-0032-2-57	DF20F-10DP-1V(57)	686-0055-0-52	DF20EF-10DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
7	686-0033-5-90	DF20F-20DP-1V(90)	686-0056-0-91	DF20EF-20DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
8	686-0034-8-55	DF20F-30DP-1V(55)	686-0057-0-65	DF20EF-30DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
9	686-0034-8-56	DF20F-30DP-1V(56)	686-0057-0-52	DF20EF-30DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
10	686-0034-8-90	DF20F-30DP-1V(90)	686-0057-0-91	DF20EF-30DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
11	686-0035-0-55	DF20F-40DP-1V(55)	686-0058-0-65	DF20EF-40DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
12	686-0035-0-56	DF20F-40DP-1V(56)	686-0058-0-52	DF20EF-40DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
13	686-0035-0-90	DF20F-40DP-1V(90)	686-0058-0-91	DF20EF-40DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
14	686-0036-3-56	DF20F-50DP-1V(56)	686-0053-0-52	DF20EF-50DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
15	686-0036-3-90	DF20F-50DP-1V(90)	686-0053-0-91	DF20EF-50DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
16	686-0037-6-55	DF20G-10DP-1V(55)	686-0059-0-65	DF20EG-10DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
17	686-0037-6-56	DF20G-10DP-1V(56)	686-0059-0-52	DF20EG-10DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
18	686-0037-6-90	DF20G-10DP-1V(90)	686-0059-0-91	DF20EG-10DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
19	686-0038-9-55	DF20G-20DP-1V(55)	686-0060-0-65	DF20EG-20DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
20	686-0038-9-56	DF20G-20DP-1V(56)	686-0060-0-52	DF20EG-20DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
21	686-0038-9-90	DF20G-20DP-1V(90)	686-0060-0-91	DF20EG-20DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
22	686-0039-1-55	DF20G-30DP-1V(55)	686-0061-0-65	DF20EG-30DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
23	686-0039-1-56	DF20G-30DP-1V(56)	686-0061-0-52	DF20EG-30DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
24	686-0039-1-90	DF20G-30DP-1V(90)	686-0061-0-91	DF20EG-30DP-1V(91)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
25	686-0040-0-55	DF20G-40DP-1V(55)	686-0062-0-65	DF20EG-40DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
26	686-0040-0-56	DF20G-40DP-1V(56)	686-0062-0-52	DF20EG-40DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
27	686-0041-3-55	DF20G-50DP-1V(55)	686-0054-0-65	DF20EG-50DP-1V(65)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN
28	686-0041-3-56	DF20G-50DP-1V(56)	686-0054-0-52	DF20EG-50DP-1V(52)	PA46	PA6T	Tin copper plating 1μm MIN	Tin plating 1μm MIN

## ■ Changes PCN2020-03\_DF20Series Material change

【Housing: Change the resin material】



\*The yellow color becomes darker

【Metal fittings: Change plating】

The plating of the surface of the reinforcing reinforcing metal fittings.

**Acknowledgement**

(Customer → Hirose Electric business representative)

**Product Change Notification**  
**Request for Your Acknowledgement**

We acknowledge the changes and schedule of this notification.

Customer's name: \_\_\_\_\_

Acknowledgement stamp (or signature): \_\_\_\_\_

HIROSE ELECTRIC CO., LTD.

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(Cut on this line)

**Document Receipt**

(Customer → Hirose Electric business representative)

**Product Change Notification**  
**Request for Your Acknowledgement**

We received the document concerning the above.

Customer's name: \_\_\_\_\_

Acknowledgment stamp (or signature): \_\_\_\_\_

HIROSE ELECTRIC CO., LTD.