

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	We will Change the material of the housing and the surface plating of the reinforcing metal fittings. Please refer to attachment 2 for details. 【Resin material change】 Before: PA46 After: PA6T 【plating change】 Before: Tin copper plating After: Tin plating *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. These changes will not affect the performances of the product.
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】

Before



After



*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.

(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.