

Attn.: _____

HIROSE ELECTRIC CO., LTD.
2-6-3 Nakagawa Chuoh, Tsuzuki-ku, Yokohama, JAPAN

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 12 Series (Please refer to attachment 1 for details of the product name.)																					
2	Replacement product	DF 12N Series (Please refer to attachment 1 for details of the product name.)																					
3	Classification of change	Material change, packing specification change																					
4	Changes	Resin material of the housing will be changed. (Before: PA46 (Beige) → After: PA9T (Black)) Also, due to the change in resin, the packaging specification has been changed to eliminate the need for moisture protection. (Before: Aluminum deaerated packing → After: No bag packing) <table border="1"> <thead> <tr> <th>Item</th><th>Current product</th><th>Replacement product</th></tr> </thead> <tbody> <tr> <td>Material</td><td>PA46</td><td>PA9T</td></tr> <tr> <td>Manufacturer</td><td>DSM Japan Engineering Plastics Ltd.</td><td>Krarey Co.,Ltd</td></tr> <tr> <td>Resin Material Color</td><td>Beige</td><td>Black</td></tr> <tr> <td>MSL</td><td>2a</td><td>1</td></tr> <tr> <td>Packing Specifications</td><td>Aluminum moisture-proof packaging</td><td>No bag packing</td></tr> <tr> <td>Guide post</td><td>Available</td><td>Not available</td></tr> </tbody> </table> Please refer to the attachment 2 for details. These changes will not affect the performances of the product.	Item	Current product	Replacement product	Material	PA46	PA9T	Manufacturer	DSM Japan Engineering Plastics Ltd.	Krarey Co.,Ltd	Resin Material Color	Beige	Black	MSL	2a	1	Packing Specifications	Aluminum moisture-proof packaging	No bag packing	Guide post	Available	Not available
Item	Current product	Replacement product																					
Material	PA46	PA9T																					
Manufacturer	DSM Japan Engineering Plastics Ltd.	Krarey Co.,Ltd																					
Resin Material Color	Beige	Black																					
MSL	2a	1																					
Packing Specifications	Aluminum moisture-proof packaging	No bag packing																					
Guide post	Available	Not available																					
5	Reason for change	To improve moisture resistance																					
6	Date of final reception of orders for the current product	April 30, 2021																					
7	Date of the first reception of orders for the replacement product	August 3, 2020																					
8	Date of final shipment of the current product	July 30, 2021																					
9	Date of your acknowledgement	By February 28, 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.

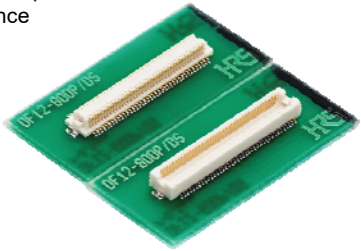
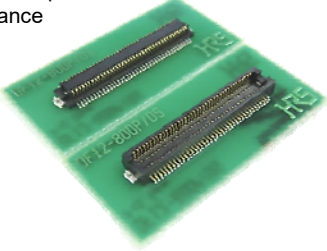
■Product List PCN2020-12_DF12 series material change and packing specification change

No.	Current product			Substitute product		Resin material	
	Product code	Product name	Guide post	Product code	Product name	Current product	Substitute product
1	537-0003-6-86	DF12-20DS-0.5V(86)	Available	537-0286-0-51	DF12NB-20DS-0.5V(51)	PA46	PA9T
2	537-0005-1-48	DF12-30DS-0.5V(48)	Available	537-0287-0-51	DF12NB-30DS-0.5V(51)	PA46	PA9T
3	537-0005-1-86	DF12-30DS-0.5V(86)	Available	537-0287-0-51	DF12NB-30DS-0.5V(51)	PA46	PA9T
4	537-0006-4-86	DF12-36DS-0.5V(86)	Available	537-0289-0-51	DF12NB-36DS-0.5V(51)	PA46	PA9T
5	537-0007-7-22	DF12-40DS-0.5V(22)	Available	537-0290-0-51	DF12NB-40DS-0.5V(51)	PA46	PA9T
6	537-0007-7-86	DF12-40DS-0.5V(86)	Available	537-0290-0-51	DF12NB-40DS-0.5V(51)	PA46	PA9T
7	537-0009-2-86	DF12-50DS-0.5V(86)	Available	537-0291-0-51	DF12NB-50DS-0.5V(51)	PA46	PA9T
8	537-0011-4-86	DF12-60DS-0.5V(86)	Available	537-0096-0-51	DF12NB-60DS-0.5V(51)	PA46	PA9T
9	537-0012-7-86	DF12-32DS-0.5V(86)	Available	537-0288-0-51	DF12NB-32DS-0.5V(51)	PA46	PA9T
10	537-0028-7-86	DF12(3.5)-20DP-0.5V(86)	Available	537-0493-0-51	DF12NB(3.5)-20DP-0.5V(51)	PA46	PA9T
11	537-0030-9-86	DF12(3.5)-30DP-0.5V(86)	Available	537-0494-0-51	DF12NB(3.5)-30DP-0.5V(51)	PA46	PA9T
12	537-0031-1-86	DF12(3.5)-36DP-0.5V(86)	Available	537-0495-0-51	DF12NB(3.5)-36DP-0.5V(51)	PA46	PA9T
13	537-0032-4-86	DF12(3.5)-40DP-0.5V(86)	Available	537-0496-0-51	DF12NB(3.5)-40DP-0.5V(51)	PA46	PA9T
14	537-0034-0-86	DF12(3.5)-50DP-0.5V(86)	Available	537-0497-0-51	DF12NB(3.5)-50DP-0.5V(51)	PA46	PA9T
15	537-0036-5-86	DF12(3.5)-60DP-0.5V(86)	Available	537-0498-0-51	DF12NB(3.5)-60DP-0.5V(51)	PA46	PA9T
16	537-0053-4-86	DF12(4.0)-20DP-0.5V(86)	Available	537-0592-0-51	DF12NB(4.0)-20DP-0.5V(51)	PA46	PA9T
17	537-0055-0-86	DF12(4.0)-30DP-0.5V(86)	Available	537-0593-0-51	DF12NB(4.0)-30DP-0.5V(51)	PA46	PA9T
18	537-0056-2-60	DF12(4.0)-36DP-0.5V(60)	Available	537-0594-0-51	DF12NB(4.0)-32DP-0.5V(51)	PA46	PA9T
19	537-0056-2-86	DF12(4.0)-36DP-0.5V(86)	Available	537-0595-0-51	DF12NB(4.0)-36DP-0.5V(51)	PA46	PA9T
20	537-0057-5-22	DF12(4.0)-40DP-0.5V(22)	Available	537-0596-0-51	DF12NB(4.0)-40DP-0.5V(51)	PA46	PA9T
21	537-0057-5-86	DF12(4.0)-40DP-0.5V(86)	Available	537-0597-0-51	DF12NB(4.0)-50DP-0.5V(51)	PA46	PA9T
22	537-0059-0-86	DF12(4.0)-50DP-0.5V(86)	Available	537-0597-0-51	DF12NB(4.0)-50DP-0.5V(51)	PA46	PA9T
23	537-0061-2-86	DF12(4.0)-60DP-0.5V(86)	Available	537-0598-0-51	DF12NB(4.0)-60DP-0.5V(51)	PA46	PA9T
24	537-0078-5-81	DF12A-20DS-0.5V(81)	Available	537-0292-0-51	DF12NC-20DS-0.5V(51)	PA46	PA9T
25	537-0080-7-81	DF12A-30DS-0.5V(81)	Available	537-0293-0-51	DF12NC-30DS-0.5V(51)	PA46	PA9T
26	537-0081-0-81	DF12A-36DS-0.5V(81)	Available	537-0295-0-51	DF12NC-36DS-0.5V(51)	PA46	PA9T
27	537-0082-2-81	DF12A-40DS-0.5V(81)	Available	537-0296-0-51	DF12NC-40DS-0.5V(51)	PA46	PA9T
28	537-0084-8-81	DF12A-50DS-0.5V(81)	Available	537-0297-0-51	DF12NC-50DS-0.5V(51)	PA46	PA9T
29	537-0086-3-81	DF12A-60DS-0.5V(81)	Available	537-0298-0-51	DF12NC-60DS-0.5V(51)	PA46	PA9T
30	537-0087-6-81	DF12A-32DS-0.5V(81)	Available	537-0294-0-51	DF12NC-32DS-0.5V(51)	PA46	PA9T
31	537-0153-9-48	DF12(5.0)-20DP-0.5V(48)	Available	537-0877-0-51	DF12NB(5.0)-20DP-0.5V(51)	PA46	PA9T
32	537-0153-9-86	DF12(5.0)-20DP-0.5V(86)	Available	537-0877-0-51	DF12NB(5.0)-20DP-0.5V(51)	PA46	PA9T
33	537-0155-4-86	DF12(5.0)-30DP-0.5V(86)	Available	537-0878-0-51	DF12NB(5.0)-30DP-0.5V(51)	PA46	PA9T
34	537-0156-7-86	DF12(5.0)-36DP-0.5V(86)	Available	537-0879-0-51	DF12NB(5.0)-36DP-0.5V(51)	PA46	PA9T
35	537-0157-0-86	DF12(5.0)-40DP-0.5V(86)	Available	537-0880-0-51	DF12NB(5.0)-40DP-0.5V(51)	PA46	PA9T
36	537-0159-5-86	DF12(5.0)-50DP-0.5V(86)	Available	537-0881-0-51	DF12NB(5.0)-50DP-0.5V(51)	PA46	PA9T
37	537-0161-7-86	DF12(5.0)-60DP-0.5V(86)	Available	537-0882-0-51	DF12NB(5.0)-60DP-0.5V(51)	PA46	PA9T
38	537-0203-5-81	DF12C-20DS-0.5V(81)	Not available	537-0292-0-51	DF12NC-20DS-0.5V(51)	PA46	PA9T
39	537-0205-0-67	DF12C-30DS-0.5V(67)	Not available	537-0293-0-51	DF12NC-30DS-0.5V(51)	PA46	PA9T
40	537-0205-0-81	DF12C-30DS-0.5V(81)	Not available	537-0293-0-51	DF12NC-30DS-0.5V(51)	PA46	PA9T
41	537-0206-3-81	DF12C-36DS-0.5V(81)	Not available	537-0295-0-51	DF12NC-36DS-0.5V(51)	PA46	PA9T
42	537-0207-6-81	DF12C-40DS-0.5V(81)	Not available	537-0296-0-51	DF12NC-40DS-0.5V(51)	PA46	PA9T
43	537-0209-1-81	DF12C-50DS-0.5V(81)	Not available	537-0297-0-51	DF12NC-50DS-0.5V(51)	PA46	PA9T
44	537-0211-3-81	DF12C-60DS-0.5V(81)	Not available	537-0298-0-51	DF12NC-60DS-0.5V(51)	PA46	PA9T
45	537-0212-6-81	DF12C-32DS-0.5V(81)	Not available	537-0294-0-51	DF12NC-32DS-0.5V(51)	PA46	PA9T
46	537-0303-0-86	DF12B-20DS-0.5V(86)	Not available	537-0286-0-51	DF12NB-20DS-0.5V(51)	PA46	PA9T
47	537-0305-5-86	DF12B-30DS-0.5V(86)	Not available	537-0287-0-51	DF12NB-30DS-0.5V(51)	PA46	PA9T
48	537-0306-8-86	DF12B-36DS-0.5V(86)	Not available	537-0289-0-51	DF12NB-36DS-0.5V(51)	PA46	PA9T
49	537-0307-0-86	DF12B-40DS-0.5V(86)	Not available	537-0290-0-51	DF12NB-40DS-0.5V(51)	PA46	PA9T
50	537-0309-6-86	DF12B-50DS-0.5V(86)	Not available	537-0291-0-51	DF12NB-50DS-0.5V(51)	PA46	PA9T
51	537-0311-8-86	DF12B-60DS-0.5V(86)	Not available	537-0096-0-51	DF12NB-60DS-0.5V(51)	PA46	PA9T
52	537-0312-0-86	DF12B-32DS-0.5V(86)	Not available	537-0288-0-51	DF12NB-32DS-0.5V(51)	PA46	PA9T
53	537-0328-0-86	DF12B(3.5)-20DP-0.5V(86)	Not available	537-0493-0-51	DF12NB(3.5)-20DP-0.5V(51)	PA46	PA9T
54	537-0330-2-86	DF12B(3.5)-30DP-0.5V(86)	Not available	537-0494-0-51	DF12NB(3.5)-30DP-0.5V(51)	PA46	PA9T
55	537-0331-5-86	DF12B(3.5)-36DP-0.5V(86)	Not available	537-0495-0-51	DF12NB(3.5)-36DP-0.5V(51)	PA46	PA9T
56	537-0332-8-86	DF12B(3.5)-40DP-0.5V(86)	Not available	537-0496-0-51	DF12NB(3.5)-40DP-0.5V(51)	PA46	PA9T
57	537-0334-3-86	DF12B(3.5)-50DP-0.5V(86)	Not available	537-0497-0-51	DF12NB(3.5)-50DP-0.5V(51)	PA46	PA9T
58	537-0336-9-86	DF12B(3.5)-60DP-0.5V(86)	Not available	537-0498-0-51	DF12NB(3.5)-60DP-0.5V(51)	PA46	PA9T
59	537-0353-8-86	DF12B(4.0)-20DP-0.5V(86)	Not available	537-0592-0-51	DF12NB(4.0)-20DP-0.5V(51)	PA46	PA9T
60	537-0355-3-86	DF12B(4.0)-30DP-0.5V(86)	Not available	537-0593-0-51	DF12NB(4.0)-30DP-0.5V(51)	PA46	PA9T
61	537-0356-6-86	DF12B(4.0)-36DP-0.5V(86)	Not available	537-0595-0-51	DF12NB(4.0)-36DP-0.5V(51)	PA46	PA9T
62	537-0357-9-86	DF12B(4.0)-40DP-0.5V(86)	Not available	537-0596-0-51	DF12NB(4.0)-40DP-0.5V(51)	PA46	PA9T
63	537-0359-4-86	DF12B(4.0)-50DP-0.5V(86)	Not available	537-0597-0-51	DF12NB(4.0)-50DP-0.5V(51)	PA46	PA9T
64	537-0361-6-86	DF12B(4.0)-60DP-0.5V(86)	Not available	537-0598-0-51	DF12NB(4.0)-60DP-0.5V(51)	PA46	PA9T
65	537-0361-6-96	DF12B(4.0)-60DP-0.5V(96)	Not available	537-0598-0-96	DF12NB(4.0)-60DP-0.5V(96)	PA46	PA9T
66	537-0378-9-86	DF12B(5.0)-20DP-0.5V(86)	Not available	537-0877-0-51	DF12NB(5.0)-20DP-0.5V(51)	PA46	PA9T
67	537-0380-0-86	DF12B(5.0)-30DP-0.5V(86)	Not available	537-0878-0-51	DF12NB(5.0)-30DP-0.5V(51)	PA46	PA9T
68	537-0381-3-86	DF12B(5.0)-36DP-0.5V(86)	Not available	537-0879-0-51	DF12NB(5.0)-36DP-0.5V(51)	PA46	PA9T

No.	Current product			Substitute product		Resin material	
	Product code	Product name	Guide post	Product code	Product name	Current product	Substitute product
69	537-0382-6-86	DF12B(5.0)-40DP-0.5V(86)	Not available	537-0880-0-51	DF12NB(5.0)-40DP-0.5V(51)	PA46	PA9T
70	537-0384-1-86	DF12B(5.0)-50DP-0.5V(86)	Not available	537-0881-0-51	DF12NB(5.0)-50DP-0.5V(51)	PA46	PA9T
71	537-0386-7-86	DF12B(5.0)-60DP-0.5V(86)	Not available	537-0882-0-51	DF12NB(5.0)-60DP-0.5V(51)	PA46	PA9T
72	537-0428-5-81	DF12D(3.5)-20DP-0.5V(81)	Available	537-0499-0-51	DF12NC(3.5)-20DP-0.5V(51)	PA46	PA9T
73	537-0430-7-81	DF12D(3.5)-30DP-0.5V(81)	Available	537-0587-0-51	DF12NC(3.5)-30DP-0.5V(51)	PA46	PA9T
74	537-0431-0-81	DF12D(3.5)-36DP-0.5V(81)	Available	537-0588-0-51	DF12NC(3.5)-36DP-0.5V(51)	PA46	PA9T
75	537-0432-2-81	DF12D(3.5)-40DP-0.5V(81)	Available	537-0589-0-51	DF12NC(3.5)-40DP-0.5V(51)	PA46	PA9T
76	537-0434-8-81	DF12D(3.5)-50DP-0.5V(81)	Available	537-0590-0-51	DF12NC(3.5)-50DP-0.5V(51)	PA46	PA9T
77	537-0434-8-96	DF12D(3.5)-50DP-0.5V(96)	Available	537-0590-0-96	DF12NC(3.5)-50DP-0.5V(96)	PA46	PA9T
78	537-0436-3-81	DF12D(3.5)-60DP-0.5V(81)	Available	537-0591-0-51	DF12NC(3.5)-60DP-0.5V(51)	PA46	PA9T
79	537-0453-2-81	DF12D(4.0)-20DP-0.5V(81)	Available	537-0599-0-51	DF12NC(4.0)-20DP-0.5V(51)	PA46	PA9T
80	537-0455-8-81	DF12D(4.0)-30DP-0.5V(81)	Available	537-0699-0-51	DF12NC(4.0)-30DP-0.5V(51)	PA46	PA9T
81	537-0456-0-81	DF12D(4.0)-36DP-0.5V(81)	Available	537-0873-0-51	DF12NC(4.0)-36DP-0.5V(51)	PA46	PA9T
82	537-0457-3-81	DF12D(4.0)-40DP-0.5V(81)	Available	537-0874-0-51	DF12NC(4.0)-40DP-0.5V(51)	PA46	PA9T
83	537-0459-9-81	DF12D(4.0)-50DP-0.5V(81)	Available	537-0875-0-51	DF12NC(4.0)-50DP-0.5V(51)	PA46	PA9T
84	537-0461-0-81	DF12D(4.0)-60DP-0.5V(81)	Available	537-0876-0-51	DF12NC(4.0)-60DP-0.5V(51)	PA46	PA9T
85	537-0478-3-81	DF12D(5.0)-20DP-0.5V(81)	Available	537-0883-0-51	DF12NC(5.0)-20DP-0.5V(51)	PA46	PA9T
86	537-0480-5-81	DF12D(5.0)-30DP-0.5V(81)	Available	537-0884-0-51	DF12NC(5.0)-30DP-0.5V(51)	PA46	PA9T
87	537-0481-8-81	DF12D(5.0)-36DP-0.5V(81)	Available	537-0885-0-51	DF12NC(5.0)-36DP-0.5V(51)	PA46	PA9T
88	537-0482-0-81	DF12D(5.0)-40DP-0.5V(81)	Available	537-0886-0-51	DF12NC(5.0)-40DP-0.5V(51)	PA46	PA9T
89	537-0484-6-81	DF12D(5.0)-50DP-0.5V(81)	Available	537-0887-0-51	DF12NC(5.0)-50DP-0.5V(51)	PA46	PA9T
90	537-0484-6-96	DF12D(5.0)-50DP-0.5V(96)	Available	537-0887-0-96	DF12NC(5.0)-50DP-0.5V(96)	PA46	PA9T
91	537-0486-1-81	DF12D(5.0)-60DP-0.5V(81)	Available	537-0888-0-51	DF12NC(5.0)-60DP-0.5V(51)	PA46	PA9T
92	537-0528-0-81	DF12E(3.5)-20DP-0.5V(81)	Not available	537-0499-0-51	DF12NC(3.5)-20DP-0.5V(51)	PA46	PA9T
93	537-0530-1-81	DF12E(3.5)-30DP-0.5V(81)	Not available	537-0587-0-51	DF12NC(3.5)-30DP-0.5V(51)	PA46	PA9T
94	537-0531-4-81	DF12E(3.5)-36DP-0.5V(81)	Not available	537-0588-0-51	DF12NC(3.5)-36DP-0.5V(51)	PA46	PA9T
95	537-0532-7-81	DF12E(3.5)-40DP-0.5V(81)	Not available	537-0589-0-51	DF12NC(3.5)-40DP-0.5V(51)	PA46	PA9T
96	537-0534-2-81	DF12E(3.5)-50DP-0.5V(81)	Not available	537-0590-0-51	DF12NC(3.5)-50DP-0.5V(51)	PA46	PA9T
97	537-0536-8-81	DF12E(3.5)-60DP-0.5V(81)	Not available	537-0591-0-51	DF12NC(3.5)-60DP-0.5V(51)	PA46	PA9T
98	537-0553-7-81	DF12E(4.0)-20DP-0.5V(81)	Not available	537-0599-0-51	DF12NC(4.0)-20DP-0.5V(51)	PA46	PA9T
99	537-0555-2-67	DF12E(4.0)-30DP-0.5V(67)	Not available	537-0699-0-51	DF12NC(4.0)-30DP-0.5V(51)	PA46	PA9T
100	537-0555-2-81	DF12E(4.0)-30DP-0.5V(81)	Not available	537-0699-0-51	DF12NC(4.0)-30DP-0.5V(51)	PA46	PA9T
101	537-0556-5-81	DF12E(4.0)-36DP-0.5V(81)	Not available	537-0873-0-51	DF12NC(4.0)-36DP-0.5V(51)	PA46	PA9T
102	537-0557-8-81	DF12E(4.0)-40DP-0.5V(81)	Not available	537-0874-0-51	DF12NC(4.0)-40DP-0.5V(51)	PA46	PA9T
103	537-0559-3-81	DF12E(4.0)-50DP-0.5V(81)	Not available	537-0875-0-51	DF12NC(4.0)-50DP-0.5V(51)	PA46	PA9T
104	537-0561-5-81	DF12E(4.0)-60DP-0.5V(81)	Not available	537-0876-0-51	DF12NC(4.0)-60DP-0.5V(51)	PA46	PA9T
105	537-0578-8-81	DF12E(5.0)-20DP-0.5V(81)	Not available	537-0883-0-51	DF12NC(5.0)-20DP-0.5V(51)	PA46	PA9T
106	537-0580-0-81	DF12E(5.0)-30DP-0.5V(81)	Not available	537-0884-0-51	DF12NC(5.0)-30DP-0.5V(51)	PA46	PA9T
107	537-0581-2-81	DF12E(5.0)-36DP-0.5V(81)	Not available	537-0885-0-51	DF12NC(5.0)-36DP-0.5V(51)	PA46	PA9T
108	537-0582-5-81	DF12E(5.0)-40DP-0.5V(81)	Not available	537-0886-0-51	DF12NC(5.0)-40DP-0.5V(51)	PA46	PA9T
109	537-0584-0-80	DF12E(5.0)-50DP-0.5V(80)	Not available	537-0887-0-51	DF12NC(5.0)-50DP-0.5V(51)	PA46	PA9T
110	537-0584-0-81	DF12E(5.0)-50DP-0.5V(81)	Not available	537-0887-0-51	DF12NC(5.0)-50DP-0.5V(51)	PA46	PA9T
111	537-0584-0-96	DF12E(5.0)-50DP-0.5V(96)	Not available	537-0887-0-96	DF12NC(5.0)-50DP-0.5V(96)	PA46	PA9T
112	537-0586-6-81	DF12E(5.0)-60DP-0.5V(81)	Not available	537-0888-0-51	DF12NC(5.0)-60DP-0.5V(51)	PA46	PA9T
113	537-0601-8-86	DF12(3.0)-10DS-0.5V(86)	Available	537-0097-0-51	DF12NB(3.0)-10DS-0.5V(51)	PA46	PA9T
114	537-0603-3-86	DF12(3.0)-20DS-0.5V(86)	Available	537-0099-0-51	DF12NB(3.0)-20DS-0.5V(51)	PA46	PA9T
115	537-0605-9-86	DF12(3.0)-30DS-0.5V(86)	Available	537-0185-0-51	DF12NB(3.0)-30DS-0.5V(51)	PA46	PA9T
116	537-0606-1-86	DF12(3.0)-36DS-0.5V(86)	Available	537-0187-0-51	DF12NB(3.0)-36DS-0.5V(51)	PA46	PA9T
117	537-0607-4-86	DF12(3.0)-40DS-0.5V(86)	Available	537-0188-0-51	DF12NB(3.0)-40DS-0.5V(51)	PA46	PA9T
118	537-0609-0-86	DF12(3.0)-50DS-0.5V(86)	Available	537-0189-0-51	DF12NB(3.0)-50DS-0.5V(51)	PA46	PA9T
119	537-0611-1-86	DF12(3.0)-60DS-0.5V(86)	Available	537-0190-0-51	DF12NB(3.0)-60DS-0.5V(51)	PA46	PA9T
120	537-0612-4-86	DF12(3.0)-32DS-0.5V(86)	Available	537-0186-0-51	DF12NB(3.0)-32DS-0.5V(51)	PA46	PA9T
121	537-0613-7-86	DF12(3.0)-80DS-0.5V(86)	Available	537-0095-0-51	DF12NB(3.0)-80DS-0.5V(51)	PA46	PA9T
122	537-0613-7-87	DF12(3.0)-80DS-0.5V(87)	Available	537-0095-0-51	DF12NB(3.0)-80DS-0.5V(51)	PA46	PA9T
123	537-0626-9-81	DF12A(3.0)-10DS-0.5V(81)	Available	537-0191-0-51	DF12NC(3.0)-10DS-0.5V(51)	PA46	PA9T
124	537-0628-4-81	DF12A(3.0)-20DS-0.5V(81)	Available	537-0193-0-51	DF12NC(3.0)-20DS-0.5V(51)	PA46	PA9T
125	537-0630-6-81	DF12A(3.0)-30DS-0.5V(81)	Available	537-0194-0-51	DF12NC(3.0)-30DS-0.5V(51)	PA46	PA9T
126	537-0631-9-81	DF12A(3.0)-36DS-0.5V(81)	Available	537-0196-0-51	DF12NC(3.0)-36DS-0.5V(51)	PA46	PA9T
127	537-0632-1-81	DF12A(3.0)-40DS-0.5V(81)	Available	537-0197-0-51	DF12NC(3.0)-40DS-0.5V(51)	PA46	PA9T
128	537-0634-7-81	DF12A(3.0)-50DS-0.5V(81)	Available	537-0198-0-51	DF12NC(3.0)-50DS-0.5V(51)	PA46	PA9T
129	537-0636-2-81	DF12A(3.0)-60DS-0.5V(81)	Available	537-0199-0-51	DF12NC(3.0)-60DS-0.5V(51)	PA46	PA9T
130	537-0637-5-81	DF12A(3.0)-32DS-0.5V(81)	Available	537-0195-0-51	DF12NC(3.0)-32DS-0.5V(51)	PA46	PA9T
131	537-0638-8-81	DF12A(3.0)-80DS-0.5V(81)	Available	537-0285-0-51	DF12NC(3.0)-80DS-0.5V(51)	PA46	PA9T
132	537-0651-6-86	DF12B(3.0)-10DS-0.5V(86)	Not available	537-0097-0-51	DF12NB(3.0)-10DS-0.5V(51)	PA46	PA9T
133	537-0653-1-86	DF12B(3.0)-20DS-0.5V(86)	Not available	537-0099-0-51	DF12NB(3.0)-20DS-0.5V(51)	PA46	PA9T
134	537-0655-7-86	DF12B(3.0)-30DS-0.5V(86)	Not available	537-0185-0-51	DF12NB(3.0)-30DS-0.5V(51)	PA46	PA9T
135	537-0656-0-86	DF12B(3.0)-36DS-0.5V(86)	Not available	537-0187-0-51	DF12NB(3.0)-36DS-0.5V(51)	PA46	PA9T
136	537-0657-2-86	DF12B(3.0)-40DS-0.5V(86)	Not available	537-0188-0-51	DF12NB(3.0)-40DS-0.5V(51)	PA46	PA9T
137	537-0659-8-86	DF12B(3.0)-50DS-0.5V(86)	Not available	537-0189-0-51	DF12NB(3.0)-50DS-0.5V(51)	PA46	PA9T
138	537-0661-0-86	DF12B(3.0)-60DS-0.5V(86)	Not available	537-0190-0-51	DF12NB(3.0)-60DS-0.5V(51)	PA46	PA9T
139	537-0662-2-86	DF12B(3.0)-32DS-0.5V(86)	Not available	537-0186-0-51	DF12NB(3.0)-32DS-0.5V(51)	PA46	PA9T
140	537-0663-5-86	DF12B(3.0)-80DS-0.5V(86)	Not available	537-0095-0-51	DF12NB(3.0)-80DS-0.5V(51)	PA46	PA9T
141	537-0686-0-81	DF12C(3.0)-10DS-0.5V(81)	Not available	537-0191-0-51	DF12NC(3.0)-10DS-0.5V(51)	PA46	PA9T
142	537-0688-6-81	DF12C(3.0)-20DS-0.5V(81)	Not available	537-0193-0-51	DF12NC(3.0)-20DS-0.5V(51)	PA46	PA9T
143	537-0690-8-81	DF12C(3.0)-30DS-0.5V(81)	Not available	537-0194-0-51	DF12NC(3.0)-30DS-0.5V(51)	PA46	PA9T
144	537-0691-0-81	DF12C(3.0)-36DS-0.5V(81)	Not available	537-0196-0-51	DF12NC(3.0)-36DS-0.5V(51)	PA46	PA9T
145	537-0692-3-81	DF12C(3.0)-40DS-0.5V(81)	Not available	537-0197-0-51	DF12NC(3.0)-40DS-0.5V(51)	PA46	PA9T
146	537-0694-9-65	DF12C(3.0)-50DS-0.5V(65)	Not available	537-0198-0-51	DF12NC(3.0)-50DS-0.5V(51)	PA46	PA9T
147	537-0694-9-81	DF12C(3.0)-50DS-0.5V(81)	Not available	537-0198-0-51	DF12NC(3.0)-50DS-0.5V(51)	PA46	PA9T
148	537-0696-4-81	DF12C(3.0)-60DS-0.5V(81)	Not available	537-0199-0-51	DF12NC(3.0)-60DS-0.5V(51)	PA46	PA9T
149	537-0697-7-81	DF12C(3.0)-32DS-0.5V(81)	Not available	537-0195-0-51	DF12NC(3.0)-32DS-0.5V(51)	PA46	PA9T
150	537-0721-0-86	DF12(3.0)-10DP-0.5V(86)	Available	537-0299-0-51	DF12NB(3.0)-10DP-0.5V(51)	PA46	PA9T
151	537-0723-5-86	DF12(3.0)-20DP-0.5V(86)	Available	537-0388-0-51	DF12NB(3.0)-20DP-0.5V(51)	PA46	PA9T
152	537-0725-0-86	DF12(3.0)-30DP-0.5V(86)	Available	537-0389-0-51	DF12NB(3.0)-30DP-0.5V(51)	PA46	PA9T
153	537-0725-0-92	DF12(3.0)-30DP-0.5V(92)	Available	537-0389-0-51	DF12NB(3.0)-30DP-0.5V(51)	PA46	PA9T
154	537-0726-3-86	DF12(3.0)-36DP-0.5V(86)	Available	537-0391-0-51	DF12NB(3.0)-36DP-0.5V(51)	PA46	PA9T
155	537-0727-6-86	DF12(3.0)-40DP-0.5V(86)	Available	537-0392-0-51	DF12NB(3.0)-40DP-0.5V(51)	PA46	PA9T

No.	Current product			Substitute product		Resin material	
	Product code	Product name	Guide post	Product code	Product name	Current product	Substitute product
156	537-0729-1-86	DF12(3.0)-50DP-0.5V(86)	Available	537-0393-0-51	DF12NB(3.0)-50DP-0.5V(51)	PA46	PA9T
157	537-0731-3-86	DF12(3.0)-60DP-0.5V(86)	Available	537-0394-0-51	DF12NB(3.0)-60DP-0.5V(51)	PA46	PA9T
158	537-0732-6-86	DF12(3.0)-32DP-0.5V(86)	Available	537-0390-0-51	DF12NB(3.0)-32DP-0.5V(51)	PA46	PA9T
159	537-0733-9-86	DF12(3.0)-80DP-0.5V(86)	Available	537-0395-0-51	DF12NB(3.0)-80DP-0.5V(51)	PA46	PA9T
160	537-0733-9-87	DF12(3.0)-80DP-0.5V(87)	Available	537-0395-0-51	DF12NB(3.0)-80DP-0.5V(51)	PA46	PA9T
161	537-0756-4-86	DF12B(3.0)-10DP-0.5V(86)	Not available	537-0299-0-51	DF12NB(3.0)-10DP-0.5V(51)	PA46	PA9T
162	537-0758-0-86	DF12B(3.0)-20DP-0.5V(86)	Not available	537-0388-0-51	DF12NB(3.0)-20DP-0.5V(51)	PA46	PA9T
163	537-0760-1-86	DF12B(3.0)-30DP-0.5V(86)	Not available	537-0389-0-51	DF12NB(3.0)-30DP-0.5V(51)	PA46	PA9T
164	537-0761-4-86	DF12B(3.0)-36DP-0.5V(86)	Not available	537-0391-0-51	DF12NB(3.0)-36DP-0.5V(51)	PA46	PA9T
165	537-0762-7-86	DF12B(3.0)-40DP-0.5V(86)	Not available	537-0392-0-51	DF12NB(3.0)-40DP-0.5V(51)	PA46	PA9T
166	537-0764-2-86	DF12B(3.0)-50DP-0.5V(86)	Not available	537-0393-0-51	DF12NB(3.0)-50DP-0.5V(51)	PA46	PA9T
167	537-0766-8-86	DF12B(3.0)-60DP-0.5V(86)	Not available	537-0394-0-51	DF12NB(3.0)-60DP-0.5V(51)	PA46	PA9T
168	537-0767-0-86	DF12B(3.0)-32DP-0.5V(86)	Not available	537-0390-0-51	DF12NB(3.0)-32DP-0.5V(51)	PA46	PA9T
169	537-0768-3-86	DF12B(3.0)-80DP-0.5V(86)	Not available	537-0395-0-51	DF12NB(3.0)-80DP-0.5V(51)	PA46	PA9T
170	537-0791-5-81	DF12D(3.0)-10DP-0.5V(81)	Available	537-0396-0-51	DF12NC(3.0)-10DP-0.5V(51)	PA46	PA9T
171	537-0793-0-81	DF12D(3.0)-20DP-0.5V(81)	Available	537-0398-0-51	DF12NC(3.0)-20DP-0.5V(51)	PA46	PA9T
172	537-0795-6-81	DF12D(3.0)-30DP-0.5V(81)	Available	537-0399-0-51	DF12NC(3.0)-30DP-0.5V(51)	PA46	PA9T
173	537-0796-9-81	DF12D(3.0)-36DP-0.5V(81)	Available	537-0488-0-51	DF12NC(3.0)-36DP-0.5V(51)	PA46	PA9T
174	537-0797-1-81	DF12D(3.0)-40DP-0.5V(81)	Available	537-0489-0-51	DF12NC(3.0)-40DP-0.5V(51)	PA46	PA9T
175	537-0799-7-81	DF12D(3.0)-50DP-0.5V(81)	Available	537-0490-0-51	DF12NC(3.0)-50DP-0.5V(51)	PA46	PA9T
176	537-0799-7-96	DF12D(3.0)-50DP-0.5V(96)	Available	537-0490-0-96	DF12NC(3.0)-50DP-0.5V(96)	PA46	PA9T
177	537-0801-7-81	DF12D(3.0)-60DP-0.5V(81)	Available	537-0491-0-51	DF12NC(3.0)-60DP-0.5V(51)	PA46	PA9T
178	537-0802-0-81	DF12D(3.0)-32DP-0.5V(81)	Available	537-0487-0-51	DF12NC(3.0)-32DP-0.5V(51)	PA46	PA9T
179	537-0803-2-81	DF12D(3.0)-80DP-0.5V(81)	Available	537-0492-0-51	DF12NC(3.0)-80DP-0.5V(51)	PA46	PA9T
180	537-0826-8-81	DF12E(3.0)-10DP-0.5V(81)	Not available	537-0396-0-51	DF12NC(3.0)-10DP-0.5V(51)	PA46	PA9T
181	537-0828-3-81	DF12E(3.0)-20DP-0.5V(81)	Not available	537-0398-0-51	DF12NC(3.0)-20DP-0.5V(51)	PA46	PA9T
182	537-0830-5-81	DF12E(3.0)-30DP-0.5V(81)	Not available	537-0399-0-51	DF12NC(3.0)-30DP-0.5V(51)	PA46	PA9T
183	537-0831-8-81	DF12E(3.0)-36DP-0.5V(81)	Not available	537-0488-0-51	DF12NC(3.0)-36DP-0.5V(51)	PA46	PA9T
184	537-0832-0-81	DF12E(3.0)-40DP-0.5V(81)	Not available	537-0489-0-51	DF12NC(3.0)-40DP-0.5V(51)	PA46	PA9T
185	537-0834-6-81	DF12E(3.0)-50DP-0.5V(81)	Not available	537-0490-0-51	DF12NC(3.0)-50DP-0.5V(51)	PA46	PA9T
186	537-0836-1-81	DF12E(3.0)-60DP-0.5V(81)	Not available	537-0491-0-51	DF12NC(3.0)-60DP-0.5V(51)	PA46	PA9T
187	537-0837-4-81	DF12E(3.0)-32DP-0.5V(81)	Not available	537-0487-0-51	DF12NC(3.0)-32DP-0.5V(51)	PA46	PA9T
188	537-0838-7-81	DF12E(3.0)-80DP-0.5V(81)	Not available	537-0492-0-51	DF12NC(3.0)-80DP-0.5V(51)	PA46	PA9T
189	537-0914-3-86	DF12(3.0)-14DS-0.5V(86)	Available	537-0098-0-51	DF12NB(3.0)-14DS-0.5V(51)	PA46	PA9T
190	537-0915-6-81	DF12A(3.0)-14DS-0.5V(81)	Available	537-0192-0-51	DF12NC(3.0)-14DS-0.5V(51)	PA46	PA9T
191	537-0916-9-86	DF12B(3.0)-14DS-0.5V(86)	Not available	537-0098-0-51	DF12NB(3.0)-14DS-0.5V(51)	PA46	PA9T
192	537-0917-1-81	DF12C(3.0)-14DS-0.5V(81)	Not available	537-0192-0-51	DF12NC(3.0)-14DS-0.5V(51)	PA46	PA9T
193	537-0918-4-86	DF12(3.0)-14DP-0.5V(86)	Available	537-0387-0-51	DF12NB(3.0)-14DP-0.5V(51)	PA46	PA9T
194	537-0919-7-65	DF12B(3.0)-14DP-0.5V(65)	Not available	537-0387-0-51	DF12NB(3.0)-14DP-0.5V(51)	PA46	PA9T
195	537-0919-7-86	DF12B(3.0)-14DP-0.5V(86)	Not available	537-0387-0-51	DF12NB(3.0)-14DP-0.5V(51)	PA46	PA9T
196	537-0920-6-81	DF12D(3.0)-14DP-0.5V(81)	Available	537-0397-0-51	DF12NC(3.0)-14DP-0.5V(51)	PA46	PA9T
197	537-0921-9-81	DF12E(3.0)-14DP-0.5V(81)	Not available	537-0397-0-51	DF12NC(3.0)-14DP-0.5V(51)	PA46	PA9T
198	537-0926-2-86	DF12(4.0)-32DP-0.5V(86)	Available	537-0594-0-51	DF12NB(4.0)-32DP-0.5V(51)	PA46	PA9T
199	537-0927-5-86	DF12B(4.0)-32DP-0.5V(86)	Not available	537-0594-0-51	DF12NB(4.0)-32DP-0.5V(51)	PA46	PA9T
200	537-0929-0-81	DF12E(4.0)-32DP-0.5V(81)	Not available	537-0872-0-51	DF12NC(4.0)-32DP-0.5V(51)	PA46	PA9T

■ Details of changes DF12 series material change and packing specification change

Before	After
<u>Resin material: PA46</u> Resin material: Polyamide (PA46, 46 Nylon) Resin Material Color: Beige MSL: PA46 is equivalent to MSL 2a Product appearance 	<u>Resin material: PA9T</u> Resin material: Polyamide (PA9T, 9T nylon) Resin Material Color: Black MSL: PA9T is equivalent to MSL 1 Product appearance 
<u>Packing state: Aluminum deaerated packing</u>  The reel is put in an aluminum bag and degassed Attach a product name label to identify the contents With dry material (silica gel)  Product name label Humidity indicator The MSL of the product is equivalent to 2a, and since it may absorb moisture during storage, it is packed with a special specification for the purpose of improving moisture resistance.	<u>Packing state: No bag packing</u>  Reel is packed in a reel box without putting it in a bag  Product name label The MSL of the product is equivalent to 1, and the risk due to moisture absorption during storage could be eliminated, so the packaging specification was returned to normal packaging.

Acknowledgement

(Customer → Hirose Electric business representative)

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