

Attn.: _____

HIROSE ELECTRIC CO., LTD.
5-23, OSAKI 5-CHOME, SHINAGAWA-KU, TOKYO, JAPAN

Product Change Notification

We previously announced that we would change the material and shape for the PQ50S and 50W series in December 2018. (Business430-18040)
After that, we would change the schedule and the material manufacturer in July 2019.
It has been revised and reissued. (Business 430 -19015)
However, we will change the schedule and shape.
We sincerely apologize for the inconvenience this may cause.
We request that you kindly offer your consent for this matter.

1	Products affected	PQ50S Series PQ50W Series (Please refer to the attachment 1 for products affected name.) (Please refer to attachment 1 for name of products affected)									
2	Substitute product	Please refer to the attachment 1 for the substitute product names.									
3	Classification of change	Material change and Specification change									
4	Changes ◆	<p>【Material change】</p> <table border="1"> <thead> <tr> <th></th> <th>Current product</th> <th>Substitute product</th> </tr> </thead> <tbody> <tr> <td>Resin material manufacturer</td> <td>DIC Corporation</td> <td>Toray Industries, Inc.</td> </tr> <tr> <td>Material</td> <td>PPS</td> <td>PBT</td> </tr> </tbody> </table> <p>Please refer to the attachment 1 for material change position.</p> <p>【Shape change】</p> <p>PQ50S-48P-PCM ①The internal shape of PQ50S-48P-PCM cover A,B will be partly changed. ②On the opposite side of the cover to which the clamp fitting is attached We will change a part of the shape of the cover case.</p> <p>PQ50S-48S-FLM ①We will change the shape of a part of the sink relief part.</p> <p>Please refer to the attached sheet 2 for the details.</p> <p>These changes will not affect the performances of the product.</p>		Current product	Substitute product	Resin material manufacturer	DIC Corporation	Toray Industries, Inc.	Material	PPS	PBT
	Current product	Substitute product									
Resin material manufacturer	DIC Corporation	Toray Industries, Inc.									
Material	PPS	PBT									
5	Reason for change ◆	<p>【Material change】 The resin plating manufacturer of the material used for the target products will withdraw.</p> <p>【Shape change】 To prevent the occurrence of a sink, improve wrenching strength and improvement of plating process productivity.</p>									
6	Date of final reception of orders for the current product ◆	Please refer to the attachment 1.									
7	Date of the first reception of orders for the substitute product ◆	Please refer to the attachment 1.									
8	Date of final shipment of the current product ◆	Please refer to the attachment 1.									
9	Sample ◆	Please refer to the attachment 1.									
10	Test data ◆	Please refer to the attachment 1.									
11	Date of your acknowledgement ◆	Please refer to the attachment 1.									

Items that have been changed since last year are marked with ◆ to the right of the item name.

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 【Re revised&Reissued】Business430-19027_PQ50S,50W Series Material change and shape change

No.	Current product		Substitute product		Material Manufacturer		Material change place	Date of final reception of orders for the current product ◆	Date of final shipment of the current product ◆	Sample submission start date ◆	Date of the first reception of orders for the substitute product ◆	Test data submission start date ◆	Date of your acknowledgement ◆
	Product code	Product name	Product code	Product name	Current product	Substitute product ◆							
1	236-2003-6-00	PQ50S-48P-PCM	236-2129-0-00	PQ50S-48P-PCMA	DIC Corporation	Toray Industries, Inc.	Cover A,B	2020/2/29	2020/5/31	Can be submitted	2020/1/6	Can be submitted	2020/1/31 ※
2	236-2003-6-01	PQ50S-48P-PCM(01)	236-2129-0-01	PQ50S-48P-PCMA(01)	DIC Corporation	Toray Industries, Inc.	Cover A,B	2020/2/29	2020/5/31	Can be submitted	2020/1/6	Can be submitted	2020/1/31 ※
3	236-2004-9-00	PQ50S-48S-FLM	236-2130-0-00	PQ50S-48S-FLMA	DIC Corporation	Toray Industries, Inc.	D shell	2020/2/29	2020/5/31	Can be submitted	2020/1/6	Can be submitted	2020/1/31 ※
4	236-2004-9-01	PQ50S-48S-FLM(01)	236-2130-0-01	PQ50S-48S-FLMA(01)	DIC Corporation	Toray Industries, Inc.	D shell	2020/2/29	2020/5/31	Can be submitted	2020/1/6	Can be submitted	2020/1/31 ※
5	236-2018-3-00	PQ50W-50-PC	236-2133-0-00	PQ50W-50-PCA	DIC Corporation	Toray Industries, Inc.	Plug cover case	2020/7/31	2020/9/30	2020/3/10	2020/6/1	2020/3/10	2020/6/30
6	236-2020-5-00	PQ50W-50-FL	236-2132-0-00	PQ50W-50-FLA	DIC Corporation	Toray Industries, Inc.	Panel Shell	2020/7/31	2020/9/30	2020/3/10	2020/6/1	2020/3/10	2020/6/30
7	236-2078-5-00	PQ50S-48P-PCLM	236-2131-0-00	PQ50S-48P-PCLMA	DIC Corporation	Toray Industries, Inc.	Cover A,B	2020/5/31	2020/8/31	Can be submitted	2020/2/3	2020/1/15	2020/4/30

The internal shape of the products marked with※ are partially changed.

Items that have been changed since last year are marked with◆ to the right of the item name.

PQ50S-48P-PCM Contents of the shape change
(Cover Case A)

Before

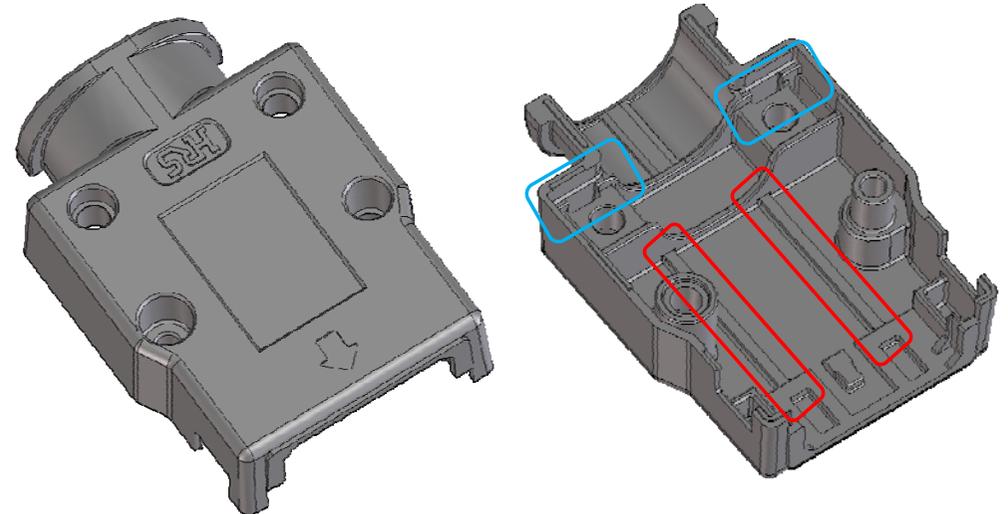
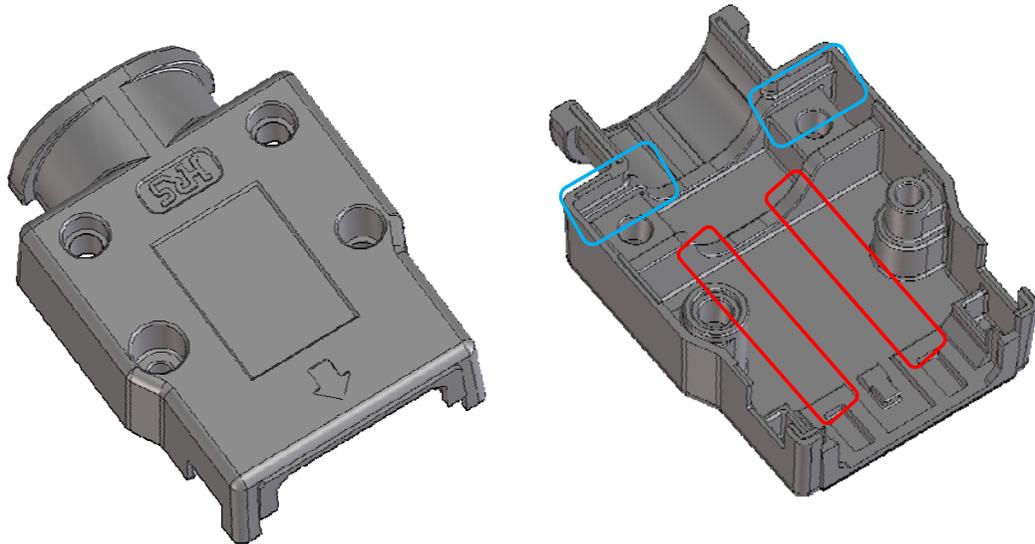
After

front side

back side

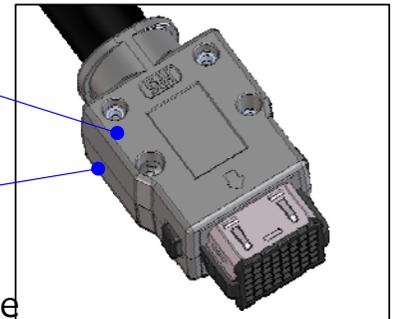
front side

back side



Cover Case A

Cover Case B



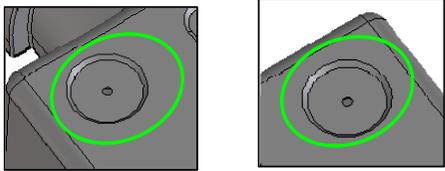
 : Add Rib Shape

 : Add Sink Relief Hole

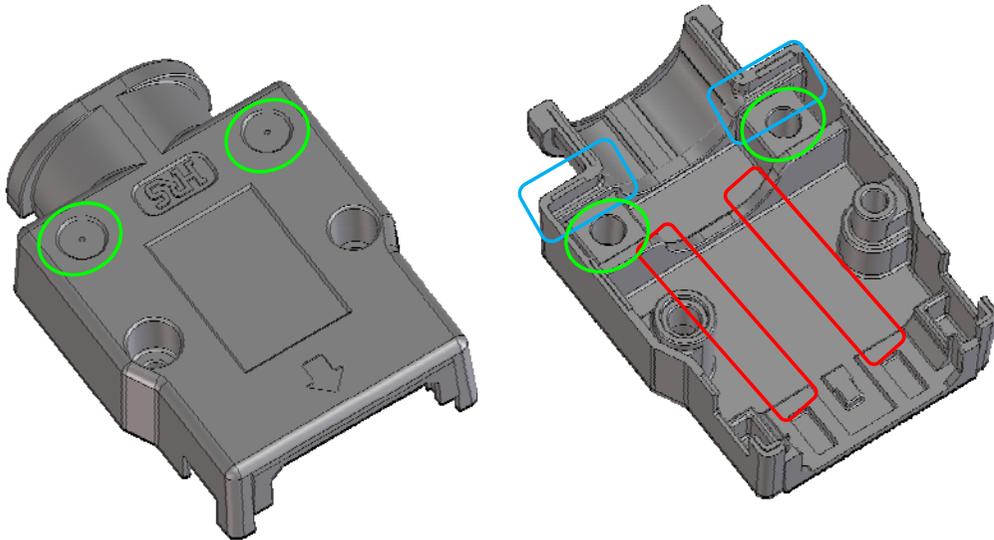
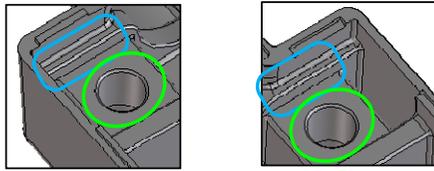
PQ50S-48P-PCM Contents of the shape change (Cover Case B)

Before

Front side

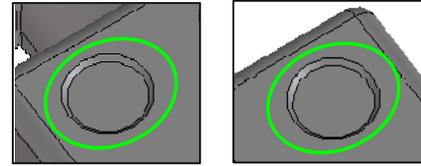


Back side

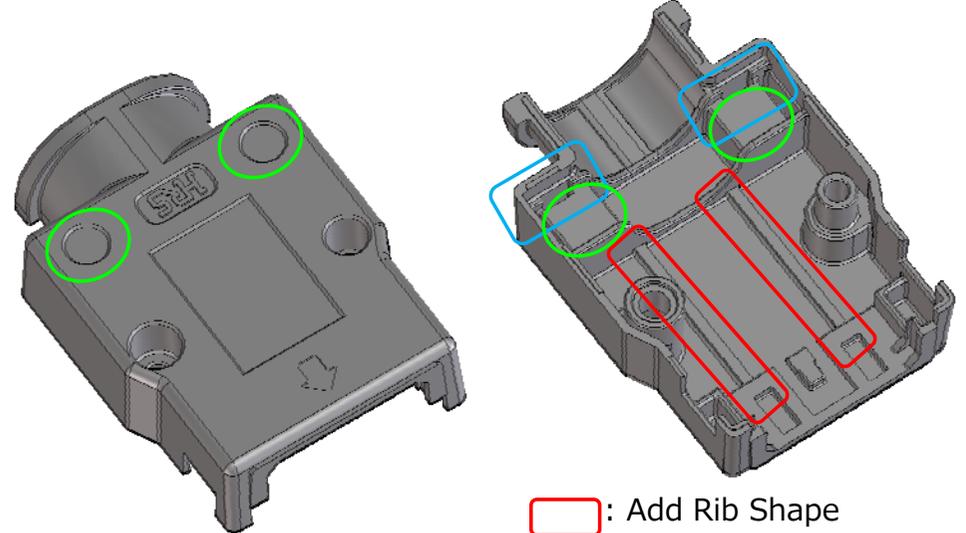
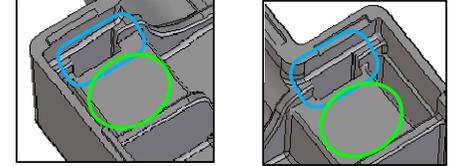


After

Front side



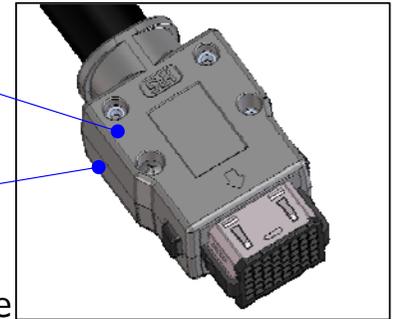
Back side



-  : Add Rib Shape
-  : Add Sink Relief Hole
-  : Fill in

Cover Case A

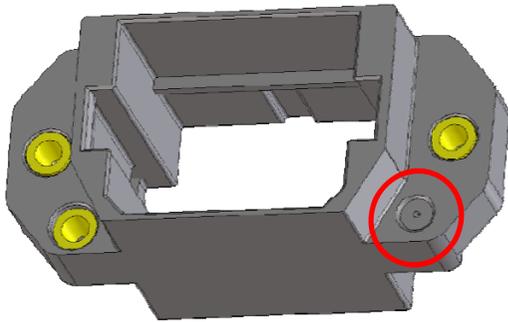
Cover Case B



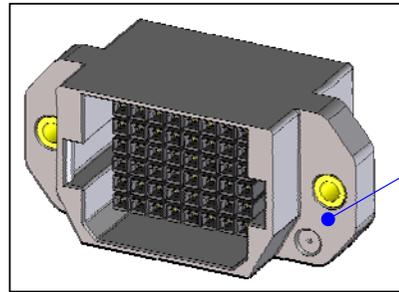
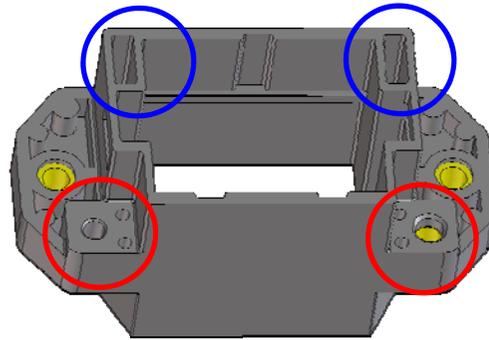
PQ50S-48P-PCM
Contents of the shape change

Before

Front side



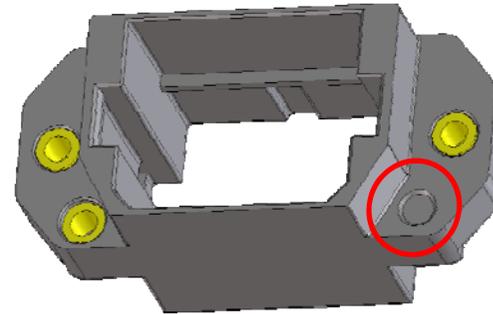
Back side



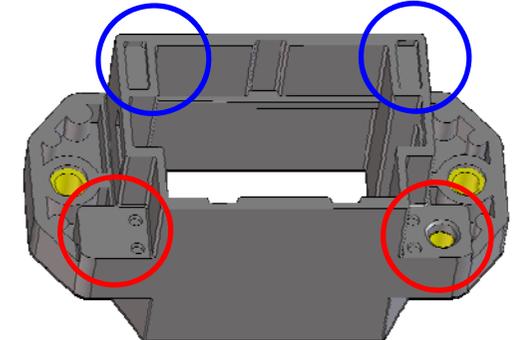
The shape of a part of the sink mark relief has been changed.

After

Front side

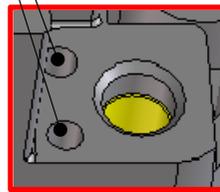
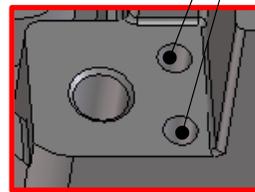
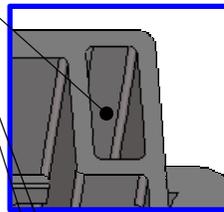
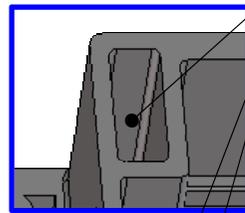
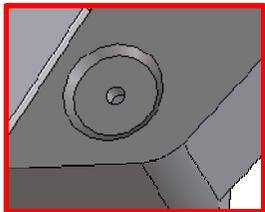


Back side

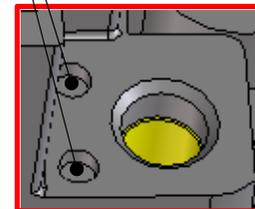
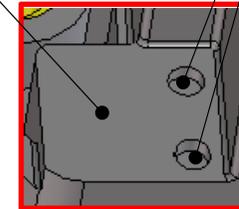
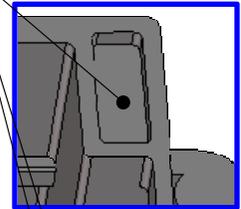
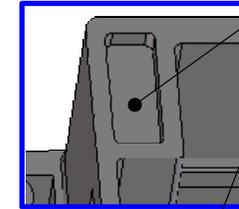
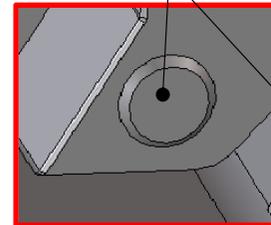


We're filling in the gap.

Have a deep hole



Fill-in



Modify Hole Shallow

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.