



# Product Change Notification

PCN22-12\_ JS Series\_25 PNs: Contact Plate Design Change

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**C&K**

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## Document revision

Revision	Date	Description	Author
A	30 May 2022	Creation	Cathy Zhao

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## Summary

1. Purpose .....	4
2. Overview.....	4
3. Impact of Change .....	4
4. Part Numbers Affected .....	5
5. Date of application .....	5
6. Conditions of Application .....	6
7. Support .....	6

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**1. Purpose**

This notification is to announce a change in contact plate design.

**2. Overview**

Due to an urgent need to replace our moulding tool we are taking the opportunity to improve our product. The new design of contact plate decreases the potential for wearing of the contact area and improves the production efficiency by decreasing the defect rate of contact plate deforming.

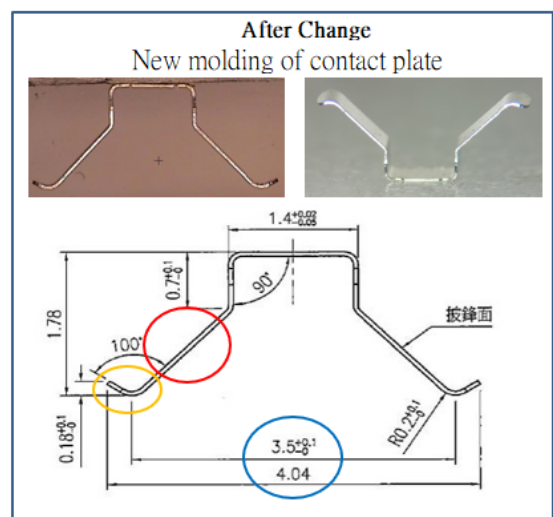
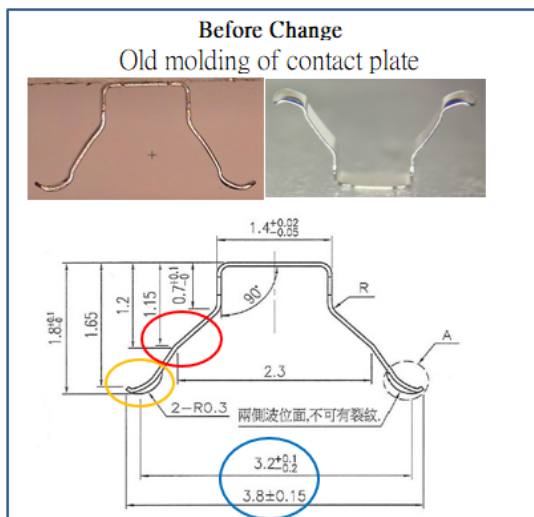
**3. Impact of Change**

3 major design changes of the new contact plate as illustrated below. All tests have been passed and reports are attached.

Point 1 (shown in the orange circles): The change from spherical contact to surface contact makes the contact area between the contact plate (movable contact) and the base (fixed contact) increase (from point contact to surface contact), which could decrease the wearing of contacts when sliding and have more stable contacts. Please refer to the life test report for this point.

Point 2 (shown in the red circles): The straight shape changed from the arc shape of the contact plate is more stable and the dimensions are more accurate to control/measure in the production process.

Point 3 (shown in the blue circles): The dimensions in the blue circles are adjusted accordingly to match the new design of the above structural changes. The travel distance between the contact plate (movable contact) and the base (fixed contact) should be more stable.



#### 4. Part Numbers Affected

Here listed total 25 items impacted.

Item	PN	PN Description
1	JS0001	SWITCH JS202011SCQN SPECIAL
2	JS0002	SWITCH JS202011CQN SPECIAL
3	JS0003	SWITCH JS202011SCQN SPECIAL
4	JS0010	SWITCH JS202011SCQN SPECIAL
5	JS0014	SWITCH JS203011SCQN SPECIAL
6	JS0017	SW JS202011AQN W/PA46IVORY ACT
7	JS0018	SWJS102011SAQN W/PA46WHITE ACT
8	JS0019	SWITCH JS203011SCQN SPECIAL
9	JS0022	JS102011SAQN-JS0022
10	JS0026	SWITCH JS202011AQN CUSTOM
11	JS0027	SWITCH JS203011JCQN AU
12	JS102011JAQN	JS102011JAQN
13	JS102011SAQN	JS102011SAQN
14	JS202011AQN	JS202011AQN
15	JS202011CQN	JS202011CQN
16	JS202011JAQN	JS202011JAQN
17	JS202011JCQN	JS202011JCQN
18	JS202011SCQN	JS202011SCQN
19	JS203011AQN	JS203011AQN
20	JS203011CQN	JS203011CQN
21	JS203011JAQN	JS203011JAQN
22	JS203011JCQN	JS203011JCQN
23	JS203011SCQN	JS203011SCQN
24	JS0028	New PN
25	JS0029	New PN

#### 5. Date of application

- Last time buy: Not applicable, immediate change required due to worn tooling
- Implementation Date: 1 June 2022
- This PCN is for information purposes for those who are presently buying those items.

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**6. Conditions of Application**

- Ordering: PNs remain the same, not affected.
- Pricing: Not affected
- Stock: Not affected
- Technical Specification & Performance: Not affected

**7. Support**

Please feel free to reach out to your C&K Sales Representative with any questions you might have.

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