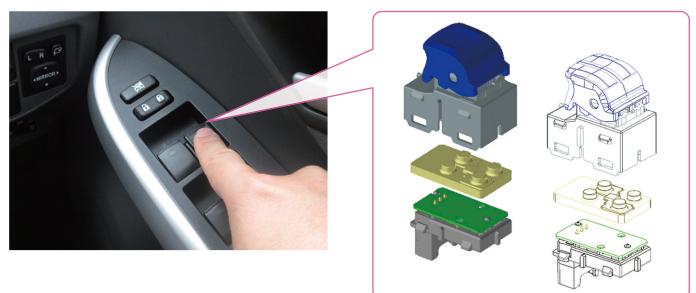
# SEKISUI

# **Inner Contact Rubber**

#### What is ICR

ICR stands for Inner Contact Rubber.

This product has switch function (ON-OFF) and forms electrical continuity part on the silicone rubber.



#### Features

We design stroke and skirt form of the button based on particular repelling force of silicone rubber and provide parts at customer's target force and click ratio.

#### **(Types of electric continuity contact and features)**

	Туре	Resistance Value	Features
а	Conductive Printing	Less than 100 $\boldsymbol{\Omega}$	Low cost and shape of contact area can be designed freely such as circle, oval, lune.
b	Carbon Pill	Less than 50 $\Omega$	Lower cost than metal pill. Only circular contact with the following diameter sizes are available. ( $\varphi$ 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8)
с	Metal Pill	Less than $2 \Omega$	Low resistance / High reliability

\* Resistance value is measured by using pectinate gold plating basal plate made by SEKISUI POLYMATECH. (The above resistance values are reference value measured under the following specimen composition. Pattern Pitch : 0.6mm Pattern width : 0.3mm Diameter of conductive area : \$\$\phi\$\$)
\* If diameter of conductive printing is no more than \$\$\phi\$\$2.5, resistance value will be set 300 \$\Omega\$ or less.

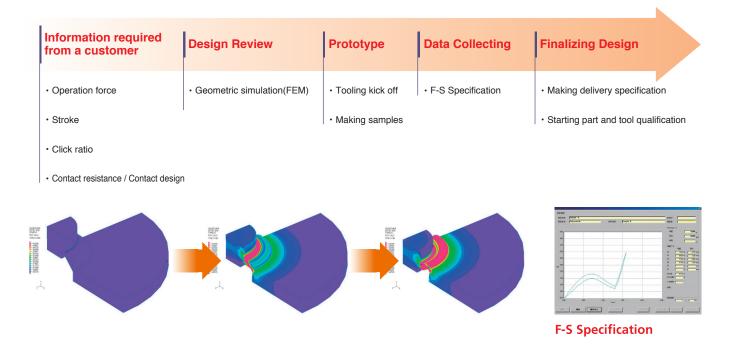
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## Applications



## **Development Flow**



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