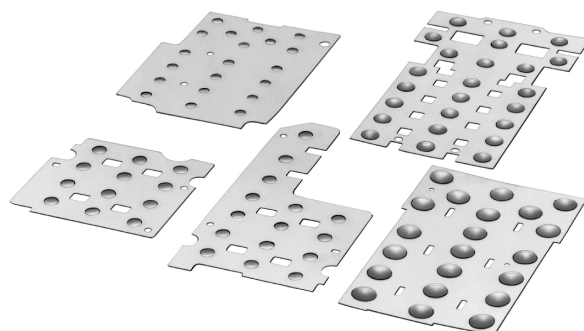


Ultra-low Profile Dome Array

B3DA

Ultra-low Profile Dome Array With Dust-Proof Construction and Crisp Clicking Action

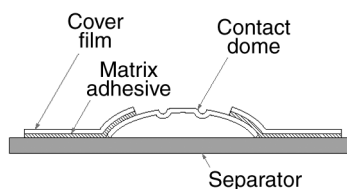
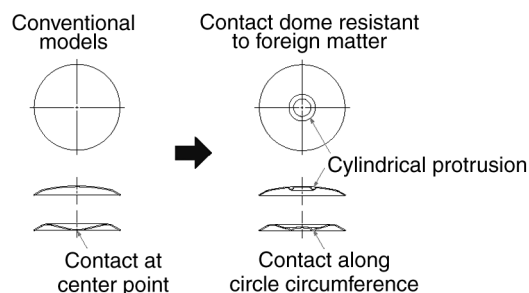
- Attach directly to PCB to make tactile switch.
- Matrix adhesive used to create highly dust-proof construction with good ventilation.
- Lower profile, lighter weight, and crisp clicking action achieved using stainless steel contact dome.
- Can be designed and produced according to user specifications (e.g., external dimensions or key layout).
- Customization of Dome Array available upon request (i.e., silver plating, number of contacts, shape, etc.).
- RoHS Compliant.



Ordering Information

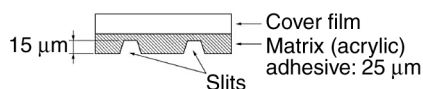
Item	Model
4 mm dome array	B3DA-0010-A
5 mm dome array	B3DA-0000-A

Construction



Matrix Adhesive

This adhesive has grid-shaped slits for ventilation with structure as shown below. The height of the slits is 15 micrometers ensuring both ventilation and dust-proofing.



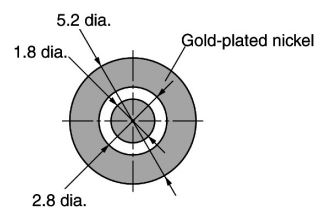
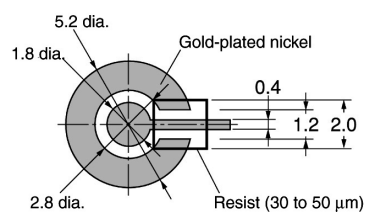
Specifications

Item		Specification
Diameter		4-mm dia. and 5-mm dia.
Operating force (OF)		1.57 \pm 0.49 N
Release force (RF)		0.2 N min.
Pretravel (PT)		0.2 \pm 0.1 mm
Thickness		0.25 \pm 0.1 mm
Life expectancy	4 mm dia.	500,000 operations min.
	5 mm dia.	1,000,000 operations min.
Ambient operating temperature		-40 to 80° C
Ambient storage temperature		-40 to 85° C
Material		Stainless steel
Plating		Unplated, silver

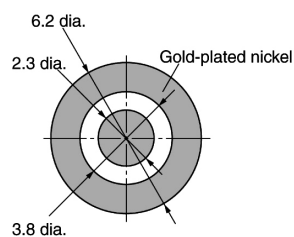
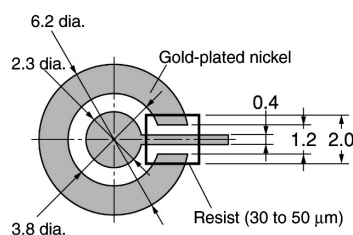
Note: Contact dome specifications not shown in this table are also available.

■ Recommended Contact Form on PCB

4-mm Diameter Contact Dome



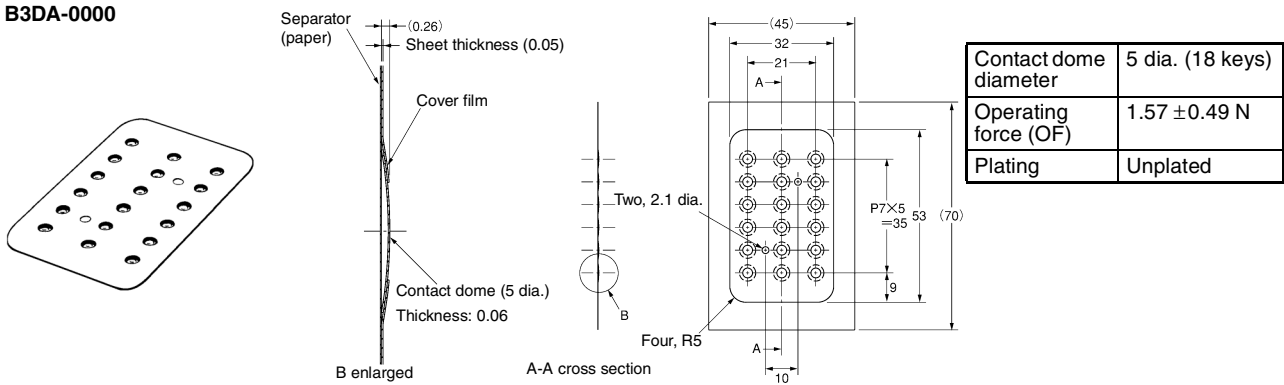
5-mm Diameter Contact Dome



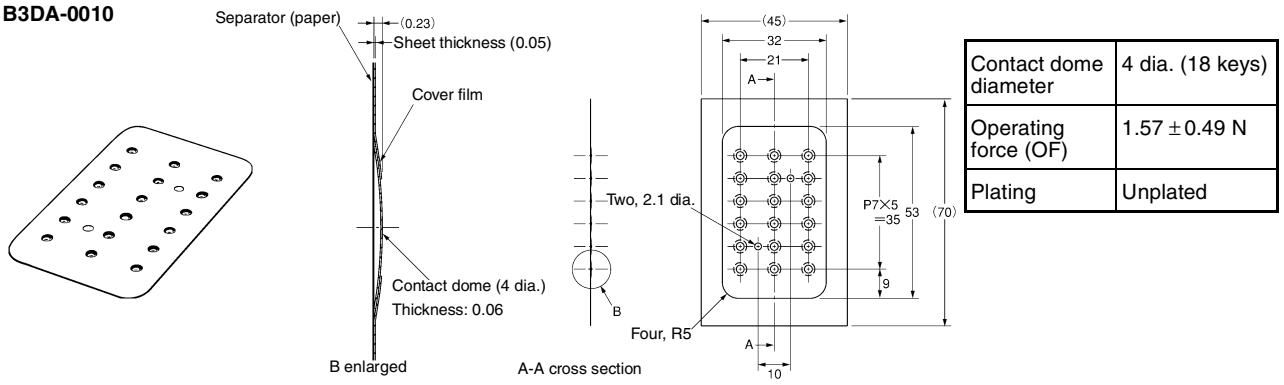
Dimensions

Unit: mm

B3DA-0000



B3DA-0010



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