

ONBOARD CONTACT

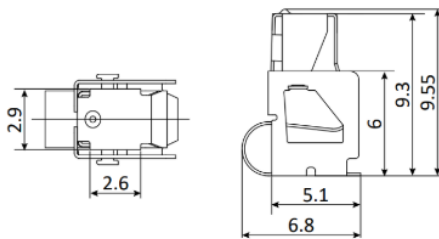
Kitagawa series: OG-684296



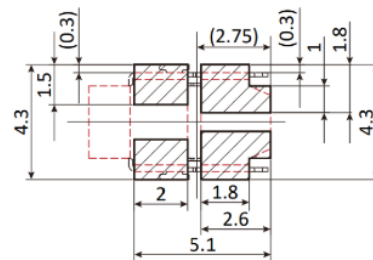
- SMD contact for engine compartment PCB.
- Spring structure has durability for ten million vibrations.
- Sustained conduction is secured due to dimple design.
- Temperature Range: -40°C to +150°C.



Dimensions (mm)



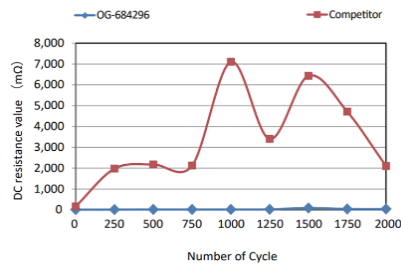
Pad and Mask Dimensions (mm)



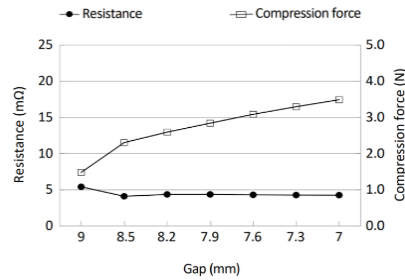
OG-684296	
Recommended Gap (mm)	7.0 ~ 9.0
Material	Beryllium Copper (t0.15mm)
Surface Treatment	Sn reflow plating (Primary plating Cu)
Operating Temperature (°C)	-40 ~ +150
Reel Quantity	1000pcs

Heat Shock Test	
Temperature Switch	-40°C/150°C (0.5 hour each)
Number of cycles	2000
Metal Plate	Aluminium (ADC 12)
Test Method	Sample is compressed by metal plate while heat is applied. DC resistance measured after 250 cycles.

Heat-shock Test



Compression Force vs Electric Resistance



Compression Test	
Defection	H = 7.0 ~ 9.0mm
Compression Count	10 million times
Compression Speed	100 times/sec
Test Method	Height measured and visual check after compressed 7.0 to 7.6mm, for 10 million times.

Item	Before	After
External Status		
Height (mm)	9.619	9.601
Recovery Rate	-	99.8

For engineering drawings, 3D files or additional test data please contact our [sales team](#).

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.