

NEW!

Onboard Contact OG-684296



Automotive Grade

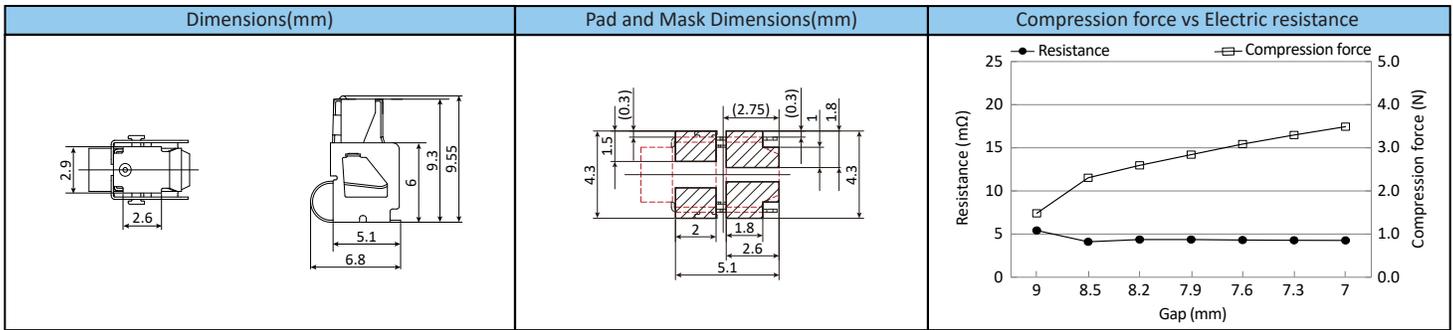


SMT-type EMC grounding contact for PCB's in engine compartments

- Spring mechanism withstands 10 million compressions from engine vibrations
- Unique dimple design allows for continued electrical contact
- Operating temperature from -40°C ~ +150°C, ideal for automotive applications

Specifications

Applications	Ground Contact for SMD
Material	Beryllium Copper (t0.15mm)
Recommended Gap (mm)	7.0 ~ 9.0
Surface Treatment	Sn reflow plating (Primary plating Cu)
Operating Temperature (°C)	-40 ~ 150



Compression Test

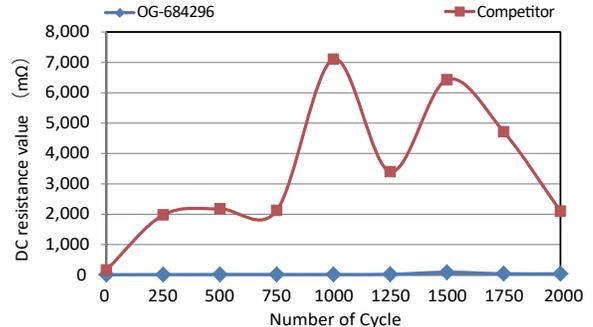
Deflection: H=7.0mm~7.6mm
 Compression count : 10 million times
 Compression speed: 100 times/sec
 Test method: Height measured and visual check after compressed to 7.0mm~7.6mm
 10 million deflections.



	Before	After
External status		
Height (mm)	9.619	9.601
Recovery rate (%)	—	99.8

Heat-shock Test

Temperature switch: -40°C/150°C (0.5 hour each)
 Number of cycle: 2000 cycles
 Metal plate: Aluminum (ADC 12)
 Test method: Sample is compressed by metal plate while heat is applied.
 DC resistance value is measured.



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Please request for detailed product specification data prior to purchase

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