

SMD Conductive Silicone Rubber (IDCF Type)

1. Introduction

ID-CF is recently developed by DSIC SMD Finger Strip for the use of PCB featuring excellent resilience and electrical properties.
 Its main material is conductive silicone, so it provide very well-known Softness and high electric conductivity.

2. Functions

The package on a reel for ID-SMD Finger can also give productions such as SMD Line.

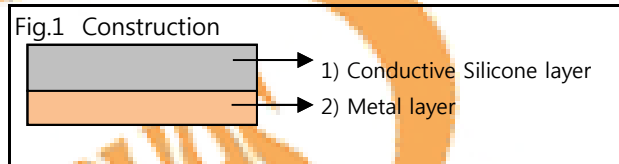
3. Applications

Electric Grounding (Grounding of PCB)
 Electric Connecting

4. Mechanical Construction

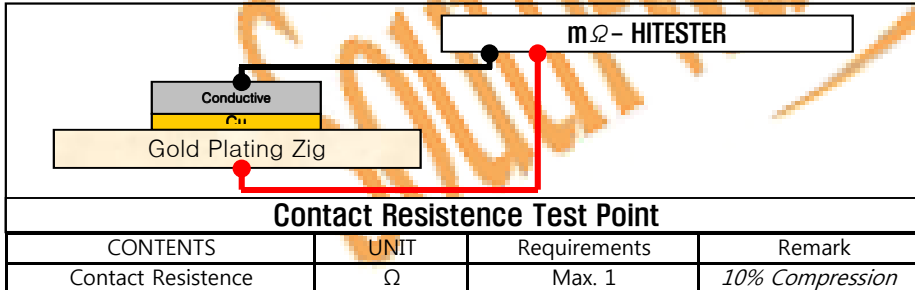
* Refer to attached drawing.

- 1) Conductive Silicone layer
 Type : ①SC - Silver Coated Copper
 ②NC - Nickel Coated Copper
- 2) Metal layer(Cu Foil)



5. Characteristics

- 1) IDCF(Conductive Silicone + Metal layer)



- 2) Only Conductive Silicone

Contents	Properties	
	SC	NC
Volume Resistivity(Ω·cm)	Max. 0.02	Max. 0.1
Specific Gravity (at 25°C)	3.7±0.3	2.5±0.3
Hardness (Shore A)	65±5	50±5
Shielding Effectiveness (dB)	Min. 60	Min. 40

* The values in this table are properties of Only Conductive Silicone

6. Part Number Construction

P/N : IDCF - ①②③ - ④⑤

- ① Series Description(SMD FINGER GASKET)
- ② Total Thickness Description : ** mm
- ③ Conductive silicone Type (SC, NC)
- ④ Width Description : ** mm
- ⑤ Length Description : ** mm

EX) IDCF-1.0-SC-1.25-2

