

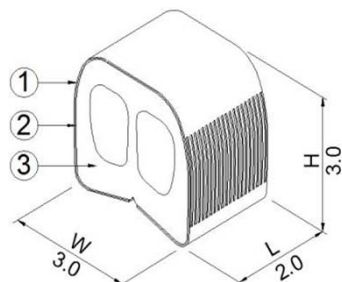
General Technical Specification

Confidential Document

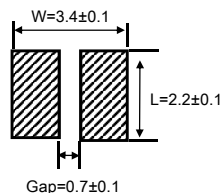
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Drawing No.	SMR-TS-3-3-2DGR2E-01	Product	SMcontact	Part No.	SMR-TS-3-3-2DGR2E	Description	Electric contact for SMT	Customer	Sentriion	Unit	mm
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■ Drawing



■ Recommended PCB solder land size



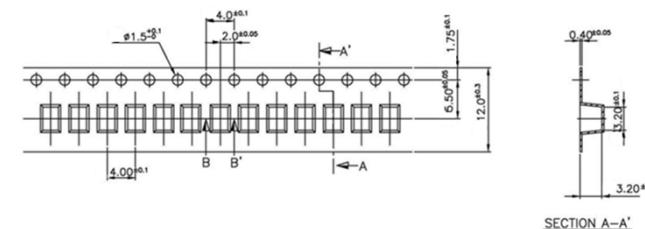
■ Note

- Color : Gold
- Meet Eu-RoHS, Halogen Free
- Operation Temperature : -40 ~ 150 °C
- Electric resistance - Top-Bottom : Typical. 0.05 Ω
(After soldering) Surface : Typical. 0.05 Ω
- Soldering strength - (Length direction) : Typical. 800gf
(Width direction) : Typical. 900gf
- Recovery ratio : Typical. 95% (30% Compression, 240hrs)
- Compression force : Typical. 140 gf (30% Compression)
- Recommended Compression Height(RCH) :
10 ~ 40% of Original height after Soldering.
Minimum Compression Height : 5%
Maximum Compression Height : 50%
- UL 94 V-1 [File No.:E250169]
- Salt spray test : None corrosion.
(5% NaCl, 35°C × 48hrs after soldering)
- All exposed metals are plated by gold.
- (※ This specification will be changed without previous notice)

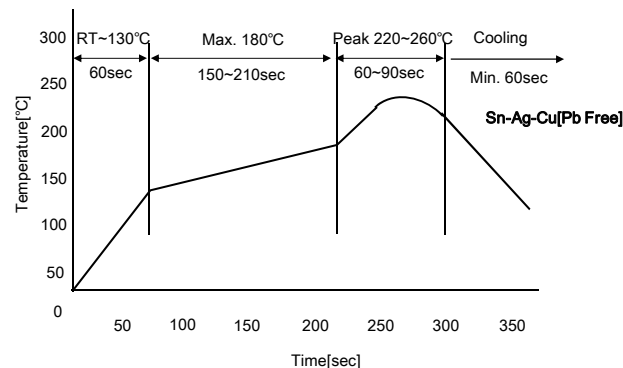
■ Characteristics of each material

No	Material Name	Specification	Material
①	Conductive Film	Surface resistance : Max. 0.03Ω/□ Thickness : Typical. 22 μm	Polyimide + Cu foil + Ni, Au plating
②	Adhesive	Heat resistance & Halogen Free	Silicone Rubber
③	Elastomer Core	Heat resistance & Halogen Free	Silicone Rubber Color : Black

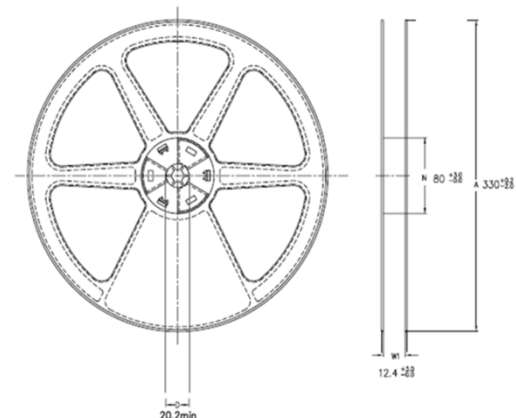
■ Carrier specification (Antistatic material)



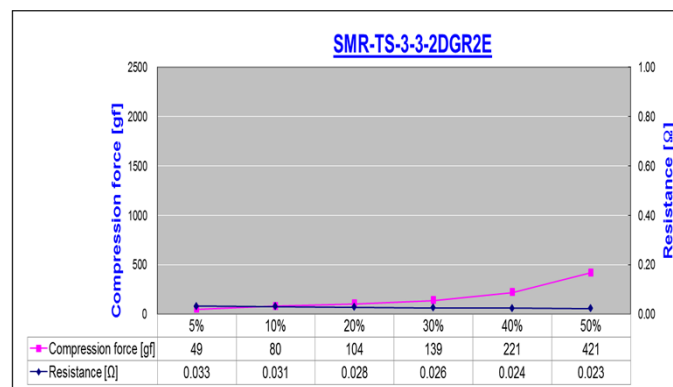
■ Reflow soldering condition



■ Reel drawing



[Quantity per reel : 5,000ea]



[Compression force & Electric resistance]



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DRA'N BY	CHK'D BY	APP'D BY	Date	Apr. 18. 2016
J.S.LEE	H.K.KIM	S.J.LEE	Tolerance	±0.15
			REV.	00
			Date	Apr. 18. 2016