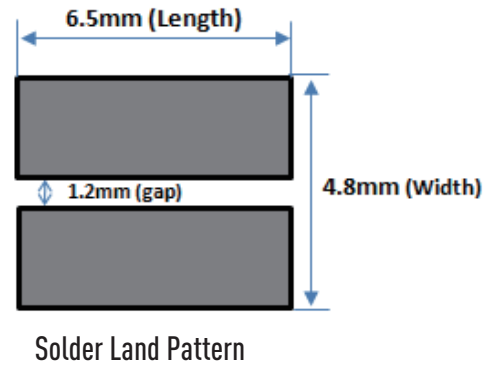
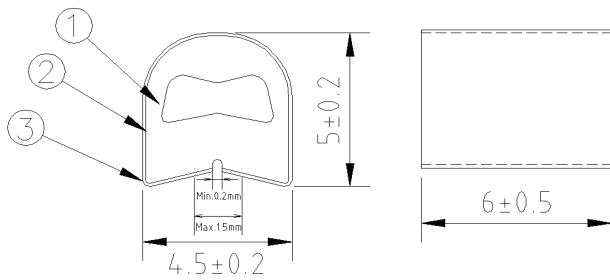


PCB SMT Gasket

LPG-R 4.5-5-6

LPG-R Gasket has excellent properties of elasticity & conductivity. So it is not broken and no deformation like metal finger, and matched well with any frame at any SMT position. To make LPG-R Gasket, we adopted new materials and structures. LPG-R Gasket can replace EMI Gasket (adhesive tape type), finger and dispensing gasket. Moreover, due to automatic pick up & reflow soldering, its production yield and the reliability are very good.

STRUCTURE&SIZE



Characteristics of each material

No	Material Name	Specification	Material	Remark
①	Conductive Film	Surface resistance : Max. 20mΩ/□	Polyimide + Cu + Sn	PI(Polyimide) film : FPCB materials used for the conductive film
②	Silicone Adhesive	Heat resistance & Halogen Free	Silicone	
③	Conductive Silicone Rubber	Surface resistance : Max. 10 ³ Ω	Silicone	

P/N	Product Size			RCH (10~30%)	Recommended Solder Land Size		
	W(mm)	H(mm)	L(mm)		Gap	W'	L'
LPG-R 4.5-5-6	4.5+0.15/-0.1	5.0+0.15/-0.1	6.0+0.15/-0.1	3.5~4.5	1.2	4.8	6.5

RCH:Recommended Compression Height

PROPERTIES

Meet Eu-RoHS, Halogen Free, UL 94 V-1		
Recovery Ratio(after 10000times repeat compression to 20% at room temperature): Min.95% (Avg.100%)		
Recovery Ratio(after 100hr compression to 30% at room temperature): Min.90% (Avg.99%)		
Compression Force after 20% compression : Max.1000gf(Avg..800gf)		
Electric Resistance for the Compression(120g): Max.1000m Ω (Avg.7m Ω)		
Adhesion Force between PCB & Conductive Film after SMT(Side direction): Min.900gf/ea(Avg.1500gf/ea)		
Salt spray test after SMT	Corrosion	None Corrosion
(35°C , 5% Nacl, 48hr)	Resistance [Ω]	Max.1000mΩ [Avg.5m Ω]

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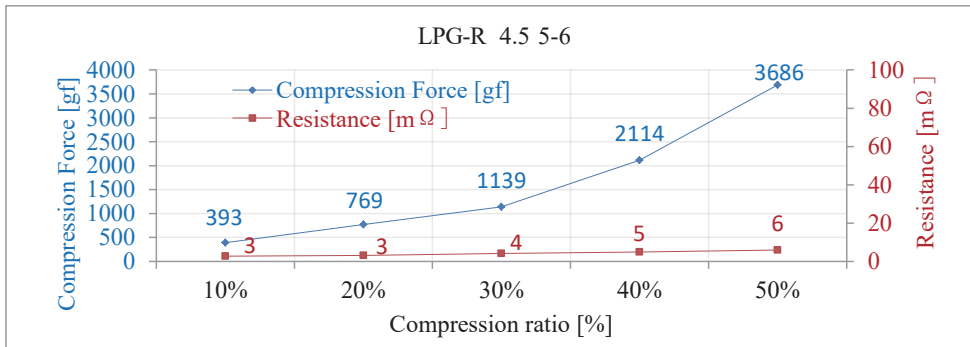
Fax: 86.512.57669500



PCB SMT Gasket

LPG-R 4.5-5-6

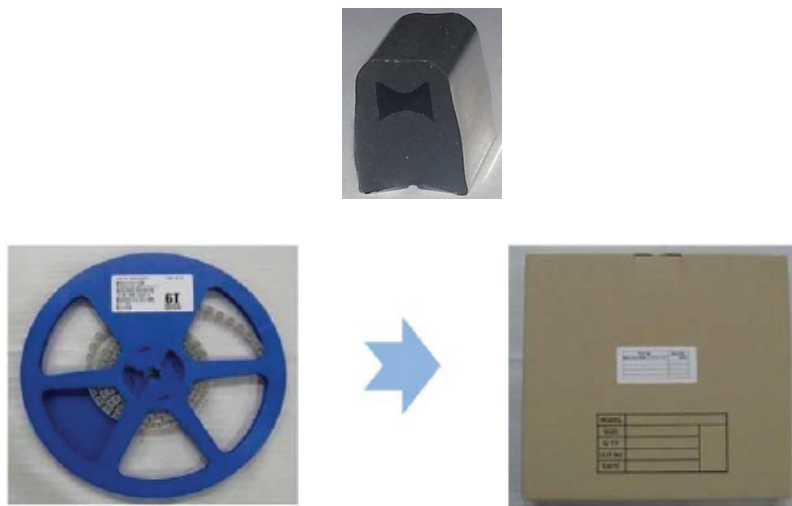
COMPRESSION FORCE AND RESISTANCE CHARACTERISTICS GRAPH



Application

LCD/LED TV, Mobile Phone, Monitor, Personal computer, FPCB, Touch Panel, Digital Camera etc.

Packing Specifications



*Vacuum packing and adding desiccant inside the packaging.

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