

PCB SMT Gasket

LPG-R 4.5-6-6

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.

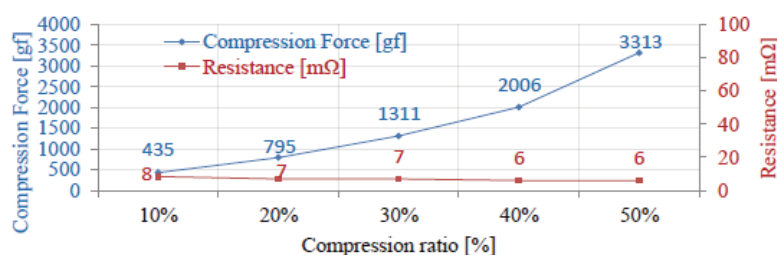
PROPERTIES

P/N	Product Size			RCH (10~40%)	Recommended Solder Land Size		
	W	H	L		Gap	W'	L'
LPG-R 4.5-6-6	4.5±0.2	6±0.3	6±0.3	3.6~5.4	1.0	5	6.5

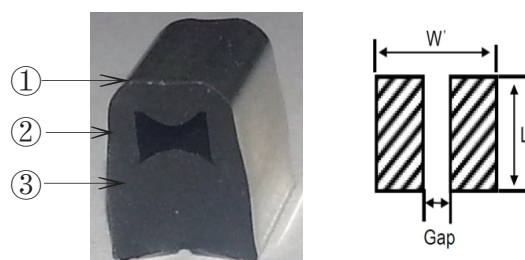
RCH:Recommended Compression Height

Meet Eu-RoHS, Halogen Free, UL 94 V-1		
Recovery Ratio(after 10000times repeat compression to 20% at room temperature): Min.95% (Typical.99%)		
Recovery Ratio(after 100hr compression to 30% at room temperature): Min.90% (Typical.98%)		
Compression Force after 20% compression : Max.1500gf(Typical.795gf)		
Electric Resistance for the Compression(120g): Max.100mΩ (Typical.6mΩ)		
Adhesion Force between PCB & Conductive Film after SMT(Side direction): Min.1000gf/ea(Typical.2000gf/ea)		
Salt spray test after SMT	Corrosion	None Corrosion
(35°C , 5% NaCl, 48hr)	Resistance [m Ω]	Max.100mΩ [Avg.6mΩ]

COMPRESSION FORCE AND RESISTANCE CHARACTERISTICS GRAPH



STRUCTURE



- ①Conductive Film
- ②Silicone Adhesive
- ③Silicone Rubber

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Application

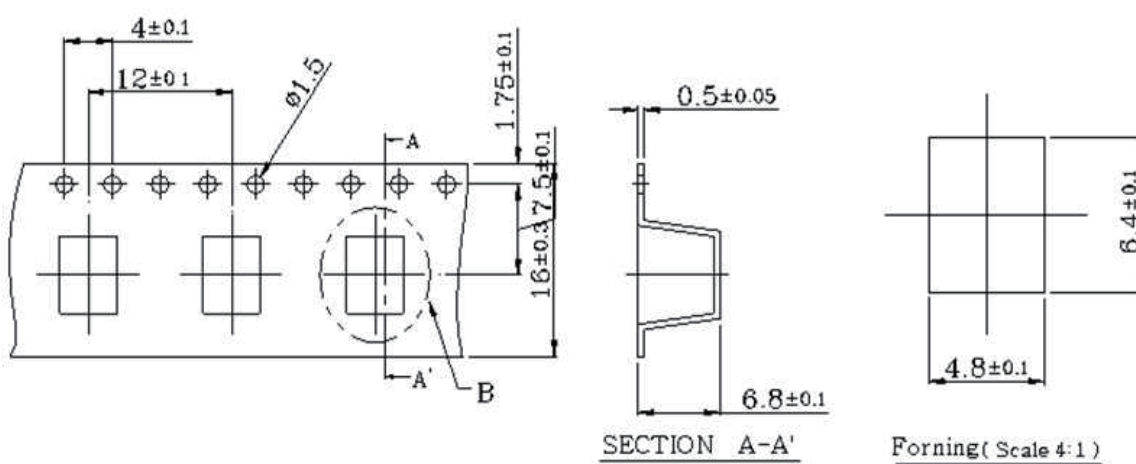
LCD/LED TV, Mobile Phone, Monitor, Personal computer, FPCB, Touch Panel, Digital Camera etc.

Packing Specifications



[Reel Pocket Size]

CARRIER TAPE SCALE (2:1)



*Vacuum packing and adding desiccant inside the packaging.

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