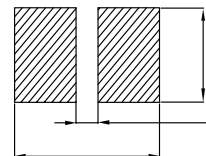


PCB SMT Gasket

LPG-R 5-7.5-3

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



P i c S e

CHARACTERISTICS

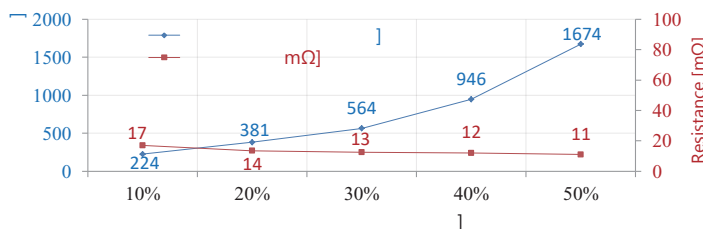
No	Material Name	Specification	Material	Remark
	Conductive Film	Surface resistance : Max. 20m	Polyimide + Cu + Sn	PI(Polyimide) film : FPCB materials used for the conductive film
	Silicone Adhesive	Heat resistance & Halogen Free	Silicone	
	Conductive Silicone Rubber	Surface resistance : Max. 10 ³	Silicone	

RCH:Recommended Compression Height

P/N	Product Size			RCH (10~40%)	Recommended PCB Layout		
	W±0.3	H±0.3	L±0.3		Gap	W'	L'
LPG-R 5-7.5-3	5.0	7.5	3.0	0.75~3	1.0±0.1	5.3±0.2	3.3±0.2

ITEM		PROPERTIES	TEST METHOD
Base Material		Silicone Rubber / PI Film	/
Color		Sliver	/
Electrical Resistance test	Original	Max. 0.1 Ω	Precision digital meter
	Thermo-Hygrostat		
	Brine atomizing		
	Thermal Shock		
PCB Bond Strength		Min. 1,000gf	UTM
Restoring Rate		Min. 95%	30% Compress for 240 hrs
Flame Retardant		UL 94-V1 equivalence	UL 94
Environmental		Meet Eu-RoHS, Halogen Free	IEC62321

Compression Force & Electrical Resistance



Long Young Electronic Co

Tel: 86.512.57668990
 Fax: 86.512.57669500



