

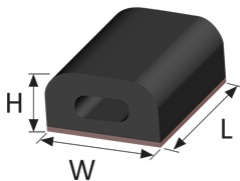
Conductive rubber PCB shielding gasket



Conductive rubber PCB shielding gasket 1560

Surface Mountable Technology (SMT) compatible electric elastomer connector on PCB level 1560 series is Surface Mountable Technology (SMT) compatible electric elastomer connector. The shielding gasket has good elastic recovery and electric property, so it offers not only cushion, but also electrical connecting and grounding between electrical objects and PCB. The 1560 series consist of a conductive coating layer on an elastomer tube and a solderable metal foil under the tube. So it has good electrical conductivity and better soldering strength.

Standard part numbers



Part number	Dimensions (mm)		
	W	H	L
1560-2.0-0.8-1.0	2.0	0.8	1.0
1560-2.0-1.1-1.0	2.0	1.1	1.0
1560-2.0-1.3-1.0	2.0	1.3	1.0
1560-2.0-1.4-1.0	2.0	1.4	1.0
1560-2.0-1.6-1.5	2.0	1.6	1.5
1560-2.0-1.8-1.5	2.0	1.8	1.5
1560-2.0-2.0-1.5	2.0	2.0	1.5
1560-2.0-2.5-1.8	2.0	2.5	1.8

* Other sizes are available on request.
Any length is acceptable.

Conductive rubber PCB shielding gasket

- Low electric resistance
- Passes most salt spray and environmental tests
- Good resilient & recovery property. Easy to apply SMT and repair.
- Strong soldering strength and not easy to detach on PCB

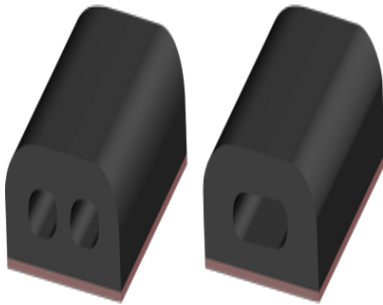
Applications

- Smart phone
- Mobile device
- Tablet
- PC
- LCD Panel, navigation for electric connecting and grounding.


Notice: 1560 series PCB shielding gaskets should be compressed (about 0.2~0.3 mm) on the solder cream at the place-process of SMT.

Optional on request

The 1560 gasket is standard delivered with one hole. Optional is a version with two holes in the gasket. The product may have two holes at core for better recovery but it can be stiff / harder and less easy to compress.



Properties

Product Type	1560 series	
Colour of Conductive Coating Layer	Black	
Width	2.0mm ~	
Height	0.8mm ~	
Compression ratio	Typical 10% ~ 40% compression of original height	
Operation temperature	-35 °C ~ 160 °C	
Resistance	Vertical	Typical 0.05 Ω
	Surface	Typical 0.05 Ω/□
Soldering strength	Length direction	Not easy to detach & Typical 150 gf for 1560-2.0-1.1-1.0
	Width direction	removal due to flexibility & shove Typical 200 gf for 1560-2.0-1.1-1.0
Elastomer Hardness	Shore A 50	
Recovery rate (30%×10,000 times)	Typical 93 %	
Abrasion Test	No metal dust after rubbing with PP tape (2 kg Roller / 10 cycles)	
Thermal Shock	Change ratio of resistance & elasticity is lower than 10% (-40 °C × 0.5 hr ↔ 85 °C × 0.5 hr × 100 cycles)	
High Temperature/Humidity	Change ratio of resistance & elasticity is lower than 10% (85 °C / 85% RH / 100 hrs)	
Salt Spray	No changing of color and electric resistance (KS D 9502, 5% NaCl, 35 °C / 48 hrs)	
Flammability	Classified by UL to UL 94 V-1	
Environment	Halogen Free, EU-RoHS Compliant, Lead Free	
Recommend Solder Pattern (Separated Pattern)		We recommend a non-separated solder pattern and the 100 μm thickness of solder cream
	W+0.1mm	

These values are measured under laboratory conditions.
In other situations results may differ. Please read our Guarantee.

Alternatives