





### **Surface Mount Gaskets and Grounding Pads**

Our SMG gaskets can be used with many different types of board level shielding needs and when grounding points are required on your board. Form-in-Place gaskets can be eliminated by transferring the gasket to the board rather than to the thin edge of a casting or machined housing. No fear of damaging a thin Form-in-Place gasket during handling and assembly process. High speed SMT assembly of our tape and reel supplied gaskets make this a low cost reliable assembly option.

Part Numbers	Sizes						Packaging	Core Materials	Cross Section
Latt Montpets	Heig	ht	Widt	h	Leng	th	(parts per reel)	Core Malerials	(not to scale)
SMG098118R-0.098	0.098	2.5	0.118	3	0.098	2.5	2100	Hollow High Temp. Sil. Sponge	8
SMG118118R-0.079	0.118	3	0.118	3	0.079	2	1800	Hollow High Temp. Sil. Sponge	2
SMG118118R-0.118	0.118	3	0.118	3	0.118	3	1800	Solid High Temp. Foam	0
SMG118157R-0.197	0.118	3	0.157	4	0.197	5	1800	Hollow High Temp. Sil. Sponge	8
SMG118197R-0.256	0.118	3	0.197	5	0.256	7	1500	Solid High Temp. Foam	
SMG256197R-0.118	0.256	6.5	0.197	5	0.118	3	1100	Solid High Temp. Foam	
SMG157256R-0.276	0.157	4	0.256	6.5	0.276	7	1200	Hollow High Temp. Sil. Sponge	0
SMG236295R-0.157	0.236	6	0.295	7.5	0.157	4	1200	Hollow High Temp. Sil. Sponge	<b>B</b>
SMG236354R-0.315	0.236	6	0.354	9	0.315	8	600	Hollow High Temp. Sil. Sponge	<b>A</b>
SMG295197R-0.138	0.295	7.5	0.197	5	0.138	3.5	1000	Hollow High Temp. Sil. Sponge	X

Black = inches Blue = mm Tolerance: +/- .019" (.48mm)



#### Global EMI Shielding Technology Center

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# **Applications**

- Mobile Electronics
- Computers
- Integrated Circuits

#### **Benefits**

- Low Cost
- Suitable for Automated Placement
- Tape & Reel Packaging
- Off-The-Shelf
- Reflow Capabilities
- Low Compression Requirements
- Resilient

### **Material**

Outer Wrap

Polyimide coated Sn/Cu



SURFACE MOUNT GASKETS

www.LeaderTechInc.com

ISO 9001: 2015

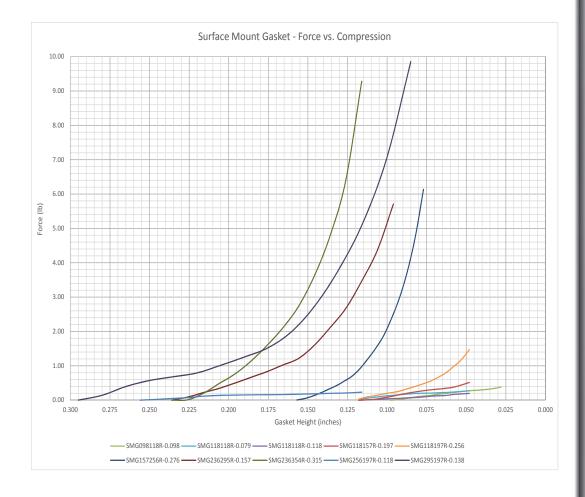






## **Surface Mount Gaskets and Grounding Pads**

Property		Method	Silicone Sponge	Polyurethane Foam
Outer Material		-	Polyimide coated Sn/Cu	Polyimide coated Sn/Cu
Color		-	Silver	Silver
Surface Resistance		ASTM D257	< 0.05 0hm/in <sup>2</sup>	< 0.05 Ohm/in²
Hardness of Silicone		ASTM D2240	60 (Shore A)	20 (Shore C)
Deformation %	ASTM D5947	260°C, 30min	≤ 10%	≤ 10%
Resilience Ratio	ASTM D374	150°C, 100hrs, 20% compression	≥ 95%	≥ 85%
	ASTM D374	-40°C, 100hrs, 20% compression		≥ 95%
	ASTM D374	85°C, 85% Rel. Humidity, 100hrs, 20% compression	≥ 95%	
	ASTM D374	300 cycles, 20% compression		



## LEADER TECH | ((())

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