

Booth No. 7A62-01

E-SONG EMC CO., LTD.



Year Established	1991	Type of Business	Manufacturing
Website	www.esongemc.com	Main Export Countries	TURKIYE, POLAND, JAPAN
SNS	https://www.linkedin.com/company/esongemc		
Main Customer	Domestic Customers	International Customers	
	LG ELECTORNICS, SAMSUNG, SERVEONE	VESTEL, FOXCONN, SONY, PANASONIC	
The Person In Charge	Name	Department	Position
	Yun-soo, Nam	Sales Department	General Director
	Phone	Mobile	E-mail
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Company Description

Specialized in Microwave Shielding, Microwave Absorbing and Thermal Interface

We manufacture various branches of microwave shielding & absorbing components and thermal interface components and supply our products to leading domestic and overseas electronics and communication equipment companies.

Product

Surface mounted foam gasket (SMF Gasket)

Function and Usage : The SMF is one of grounding gasket available to be mounted on the PCB automatically(SMT), composed of heat-resisting foam and smooth alloy foil wrapped over. It protects circuits from electrical surges generated inside the device and removes electromagnetic noise.

- Excellent electrical conductivity
- Excellent heat resistance and elasticity
- Salt-water test passed
- Efficient mass-production using SMT equipment
- UL94V-0 certificated flame-retardant
- Halogen Free

Marketing and Selling Points : SMF Gaskets use highly conductive materials to secure circuit protection and to eliminate electromagnetic noise through PCB ground.(Shielding rate 70dB or more possible)

Reflow soldering is possible up to 260 °C by using material with excellent heat resistance, and it is packaged with reel tape in bobbin for automatic mounting.

Microwave Absorber

Function and Usage : Absorber is used to reduce overlap and interference of the radio waves due to noise (For EMI solution) or prevent the interference of the antenna (For NFC, RFID) by attenuating the reflection or transmission of electromagnetic waves.

- Excellent noise attenuation with high permeability
- Excellent flexibility and easy to shape processing
- Improving productivity with a roll type compared with a sheet type
- For EMI solution and NFC/RFID

Marketing and Selling Points : It absorbs electromagnetic waves by converting incident waves into thermal energy, which prevents device malfunction by electromagnetic noise.

Microwave absorber sheet converts the incident electromagnetic waves into thermal energy to reduce unnecessary electromagnetic waves (Used for EMI) or can be applied between metal plate and FPCB antenna to suppress Eddy Current to improve antenna performance(recognition distance)(Used for NFC/RFID).

