Laird
Smart Technology. Delivered.

709 Ultra-soft EMI Gaskets
Fabric-over-Foam

Ni/CU polyester taffeta fabric-over-foam

Laird's Fabric-over-Foam (FoF) 709 EMI gaskets provide wide compression ranges with low compression force, excellent EMI shielding performance and offering excellent assembly tolerance absorbing for customers where EMI issues occur. The 709 Series EMI gaskets are composed of electrically conductive fabric wrapped around a soft urethane foam core. They are supplied with a conductive pressure sensitive adhesive (PSA).
The 709 series is a halogen-free product with cross-section profiles of rectangle.

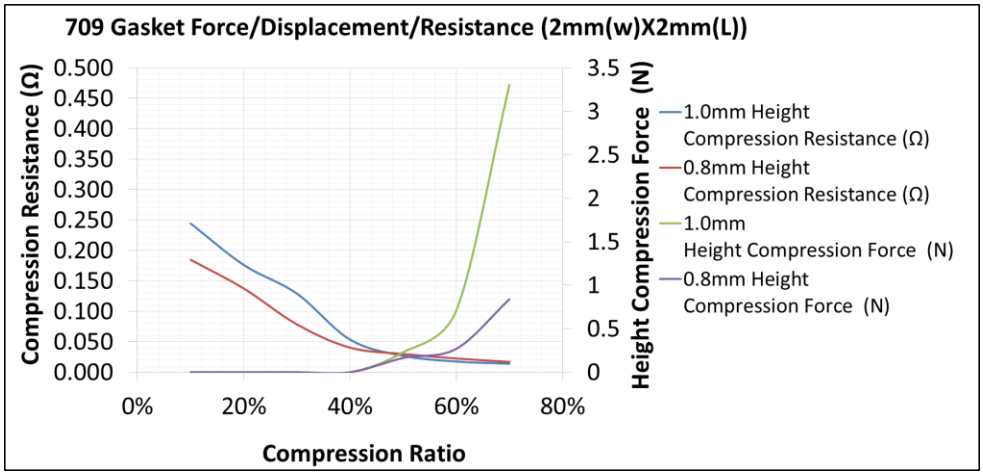
FEATURES

- Wide compression ranges up to 70%
- Extremely low compression forces allow for use of lighter materials
- Low working height gasket
- RoHS compliant
- Halogen-free per IEC-61249-2-21 standard
- Low surface resistivity of < 0.05 Ω/□ provides excellent conductivity
- Laird's proprietary coating prevents fabric fray
- Profile gaskets can be cut to specified lengths, kiss-cut on release liner, or mitered to form frame configurations

APPLICATIONS

- Handset/Tablet
- Laptop computers
- Cabinet applications
- Displays Medical equipment
- Servers
- Printers
- Networking equipment
- Desktop computers
- Telecommunications cabinets

FORCE/DISPLACEMENT/RESISTANCE (FDR)

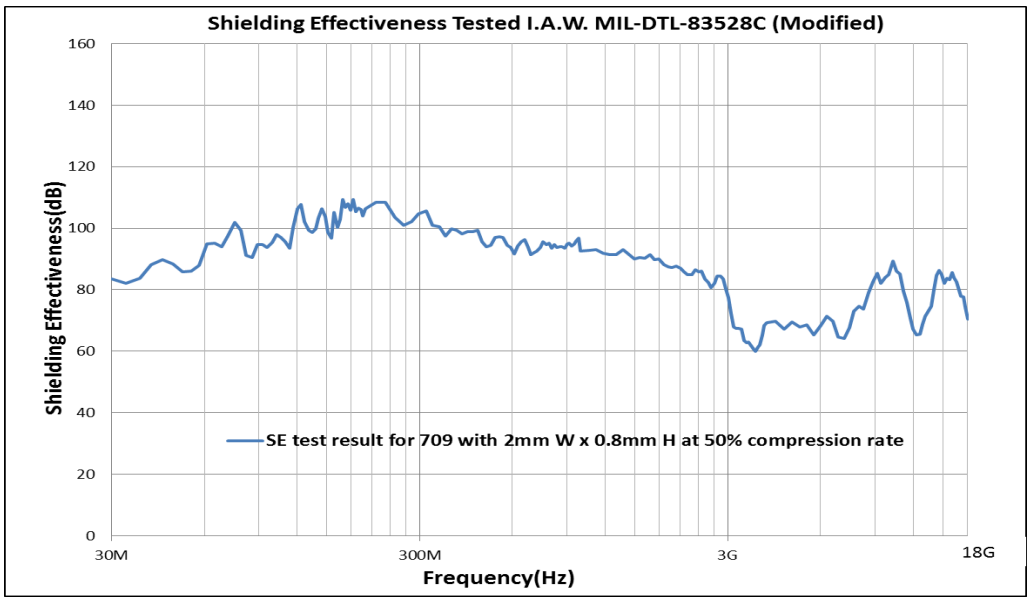


Laird
Smart Technology. Delivered.

709 Ultra-soft EMI Gaskets

Fabric-over-Foam

SHIELDING EFFECTIVENESS (dB)



CHARACTERISTIC

ITEM	UNIT	VALUE	TEST METHOD
Shielding Effectiveness			
at 100 MHz		103	MIL STD 83528C
at 1 GHz	dB	100	
Surface Resistivity	Ω/□	<0.05	ASTM F390
Compression Set	%	<30	ASTM D3574
Operation Temperature	℃	-40~70	
Hazardous Substance	Compliant with RoHS(Directive 2011/65/EU)		
	Compliant with SONY ss-00259		
	Halogen-free (based on IEC-61249-2-21)		
	Antimony-free		
Shelf Life	12 months at 23℃/60% R.H.		

Part Test 5mm H x 1mm W Rectangle

USA: +1.866.928.8181
Europe: +49.8031.24600
Asia: +86.755.2714.1166

www.lairdtech.com