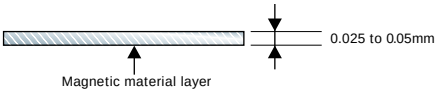
FILM IMPEDOR®

Outline

- Achieved high permeability while maintaining thickness at 25 and 50μm.
- By affixing on signal line such as printed board and flat cable, this model reduces high frequency noise coupling between lines or between line and the ground, thereby suppressing high frequency noise.
- Best suits for application in thin devices.

Structual Diagram



Specifications *1

Features		Ultra-thin	
Type		**E25**	**E50**
Structure		Single layer	
Frequency range		100MHz to 3GHz	
Operating temperature (°C)		-25 to +85	
Thickness (mm)		0.025	0.05
Dimensions	Standard (mm)	80×80	
	Maximum (mm)	500×240	
Specific gravity *2		2.9 (typ.)	
Tensile strength (Mpa)		2.0 (min.)	
Surface resistance (Ω)		1.0×10^{6} (min.)	
Approved standard		UL94 V-0	
		UL File No.E176124	
Environment	RoHS	Compliant	
	Others	PVC Free, Lead Free	
Relative magnetic permeability (at1MHz)		50 (typ.)	
Remarks		Super thin type	

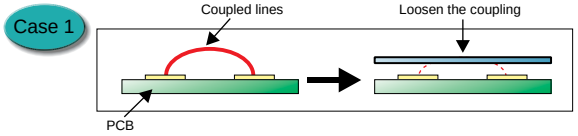
*1 Above specifications are for Film Impedor® alone. (adhesives and etc. not included) *2 Value in 23°C atmosphere

When & Where Film Impedor is used.

●Apply on signal lines or ground line (frame grounding)
→Lowers the high frequency noise on the line.

Case 1 : Loosen the magnetical coupling between lines.

Case 2 : Lower the noise radiation from cables and casing (Lowers the Q factor)

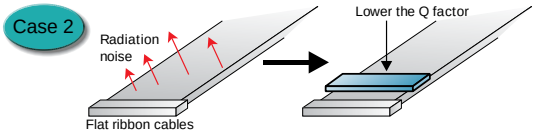


Classification *3

E 50 - 80×80 T08 S

- S: precut type *4
- T08: Adhesive tape (T08:With thin-type adhesive tape)
- 80×80: Size (mm)
- 50: Thickness (25:25μm, 50:50μm)
- E: Type

*3 Please contact local sales representative for detailed specification.
*4 Flex-suppressor and adhesive layer are being cut into designeted form but the release paper below is left uncut for handling convenience.



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