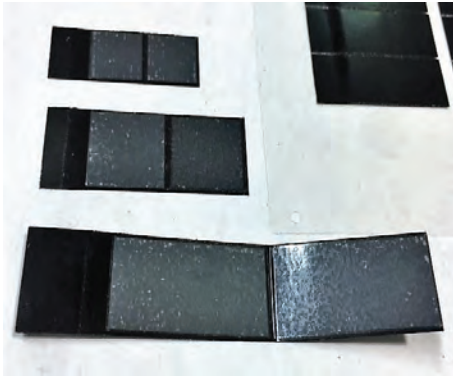


Thin & Flexible Ferrite Core FFPC Series

NEW

HF
Halogen Free



EMI Cable Noise Absorber Sheet



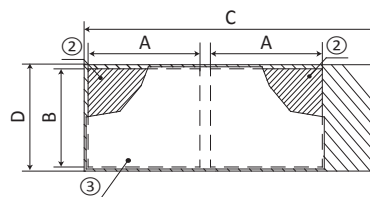
- Noise filter with sintered body for FPC which has reduced thickness overcoming the rigid and brittle feature of ferrite core
- Higher insertion loss in the low-frequency band compared to EMI absorber sheets and achieves excellent performance in suppressing noise
- Available in a sheet form
- Prevents the effect of internal interference from radiation noise generated from FPC cable use for DSC, DVC, and laptop computers, and the immunity measures as well as terrestrial digital built-in apparatus etc.

Specifications

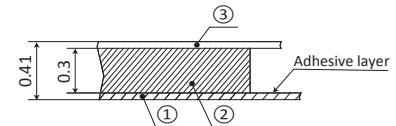
Unit:mm

Part Number	A	B	C	D	Application
FFPC-0.3-10-5	10	5	32.5	6.5	10
FFPC-0.3-10-10	10	10	30	11	10
FFPC-0.3-12-8	12	8	38.5	9.5	12
FFPC-0.3-14-14	14	14	38	15	14
FFPC-0.3-22-8	22	8	60.5	9.5	22
FFPC-0.3-22-14	22	14	54	15	22
FFPC-0.3-27-14	27	14	70.5	15.5	27
FFPC-0.3-44-14	44	14	98	15	44

*custom size available upon request

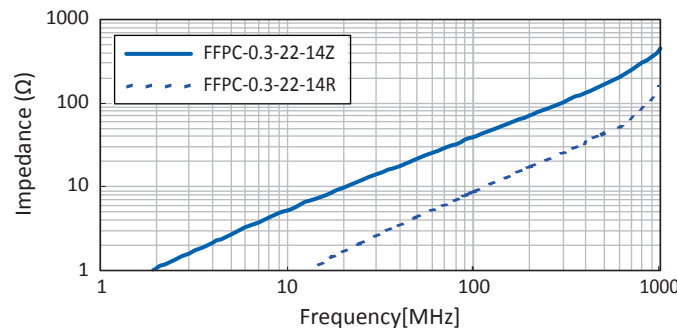


A,B : Soft ferrite
C,D : PET with adhesive layer



① PET with adhesive layer
② Soft ferrite
③ Double-sided adhesive tape

Impedance vs Frequency



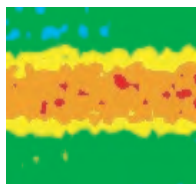
Properties

Higher insertion loss and excellent EMC suppression in low range (30MHz ~300MHz) compared to metal filler electromagnetic noise suppression sheet

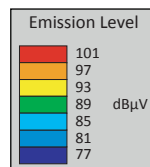
Radiated emission level from differential signal cable with component



Metal filler EMC noise suppression sheet

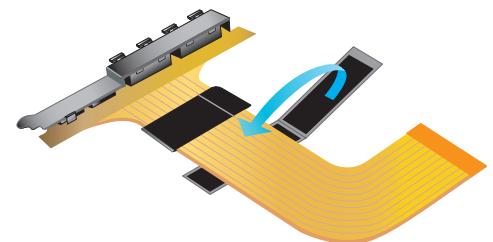


SMARTPLY



Application

EMC suppression for FPC



KGS **KGS America**
KITAGAWA INDUSTRIES America, Inc.
Tel: 1-855-EMC-PART (1-855-362-7278) Email: sales@kgs-ind.com

All statements, specifications, properties, technical information, and recommendations herein are based on tests; however, the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. This statement is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability, and fitness for purpose. KITAGAWA INDUSTRIES America, Inc. obligation under this warranty shall be limited to replacement of product that proves to be defective. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith. KITAGAWA INDUSTRIES America, Inc. shall have no liability for any injury, loss, or damage arising out of the use of or the inability to use the products. No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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Please request for detailed product specification data prior to purchase

Volume resistivity stated on our EMI absorber flyer is meant for noise control parameters, where the absorber is considered a conductor, but not for insulation performance. Care should be taken when using absorbers. KITAGAWA INDUSTRIES America, Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board or areas near high voltage such as for power. The products are designed for EMI noise reduction for electronics. This is not recommended for applications involving human life or extremely high accuracy. Prior to using the products in production, please verify their performance or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note when the absorber products are cut, bent, or pulled, there may be a possibility of creating cracks. For storage, keep products in a cool, dry, well-ventilated area at room temperature and avoid high temperatures, humidity, and direct sunlight.

Please contact the sales department at KITAGAWA INDUSTRIES America, Inc. for the use of our products prior to selecting the parts for your application.

Thin & Flexible Ferrite Core_FFPC Series_REV0_09152020