



# Ni-Zn Ferrite Clamp

## KRFC Series

**NEW**



Split-core ferrite clamp designed to filter noise from around 3 ~ 50 MHz

- Effective suppression of conducted noise up to 30MHz and radiated noise over 30MHz
- Cable tie loop can assist to fix ferrite clamp to wire harness (except for KRFC-4 )
- Notches on both sides of the inner side of the plastic clamp prevent wires from shifting out of place when winding (photo A)
- With optional mounting fixture, the product can be assembled on enclosure by M4 screw. (KRFC2-15, KRFC2-26)
- Operating temperature: -40°C ~ +85°C

### Specifications

#### Material:

Ferrite Core: Soft ferrite

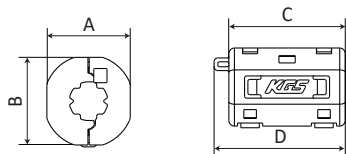
Housing: PA66 (Color: Natural/Flammability: UL94V-0)

#### Dimensions:

Profile: ①

Cable slippage protection

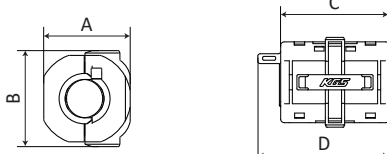
Wire guide



Profile: ②

Wire guide

There are Part Nos. with optional parts



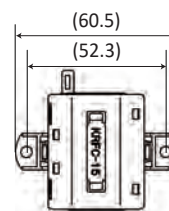
Unit: mm

Part Number	Profile	A	B	C	D	Applicable cable diameter	Impedance $\Omega$ /100MHz (1 turn)
KRFC-4	1	13.7	13.5	27.5	—	$\Phi$ 3.5 ~ 4.5	$\geq 70$
KRFC-6	1	18.1	18.4	31.5	35.5	$\Phi$ 5.5 ~ 6.5	$\geq 110$
KRFC-8	1	20.1	20.4	31.5	35.5	$\Phi$ 7.5 ~ 8.5	$\geq 80$
KRFC-9	1	20.1	20.4	31.5	35.5	$\Phi$ 8.5 ~ 9.5	$\geq 80$
KRFC-10	1	26.3	26.4	32.4	37.2	$\Phi$ 9.5 ~ 10.5	$\geq 120$
KRFC-13	1	29.1	29.4	31.5	36.3	$\Phi$ 12.5 ~ 13.5	$\geq 105$
KRFC-15*	2	36.1	40.1	42.8	52.3	MAX $\Phi$ 15.5	$\geq 221$
KRFC-26*	2	52.8	52.1	44.8	54.3	MAX $\Phi$ 26.0	$\geq 196$

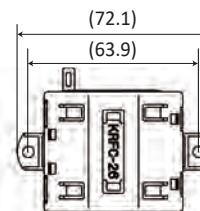
\*Other types with optional parts (KRFC2-15, KRFC2-26)

There are Part Nos. with optional parts

KRFC2-15



KRFC2-26



Wire guide



**Wire-guiding System**  
prevents wires/cables from being pinched when winding assembly

Cable slippage protection

Photo A: KRFC2-15



**Cable Anti-slippage System**  
Opening has protrusions to firmly hold cables.  
Easy to use on the exterior of machines since no additional tools are required and it reduces clutter.



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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.

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■ Impedance vs Frequency characteristic

