

FERRITE CORE FOR EMI SUPPRESSION

Series C



StricTron

Strictron Electronics Limited

Introduction

◎ The ferrite clamp is assembled with a plastic shell and two half ferrites, which is a clip-on structure. The combination makes it possible to add EMI-suppressing parts without uninstall or cut cables.

◎ With high-frequency absorbing characteristic, the ferrite clamp has a prime performance in absorbing interference at high-frequency band.

◎ This product can also work on common mode noise, sloving the noise problem without affect the signal quality.

◎ Designed with various inside diameters among a wide range, as well as the flexibilty given by the clamp structure, the clamp type ferrite core is applicable for different cables.

◎ General applications: computer, display device, printer, digital phone, HDD, sound system, projector, electronic music instrument, etc.

Part code

Eg: C 2436 13 - G
 ① ② ③ ④

① **C** ----- Product series: clamp type ferrite core

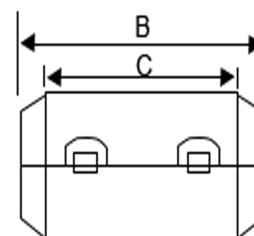
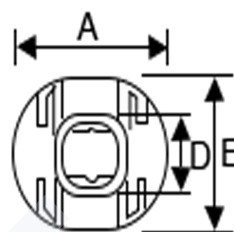
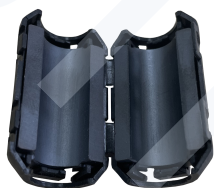
② **2436** ----- External width*external length: 24*36 (mm)

③ **13** ----- Ferrite core inside diamater: 13 (mm)

④ **G** ----- Plastic shell color: G - gray; None - black as default

Type 1 Round shape -- clip fixing

Sketches



Dimensions

Unit: mm

Part code	A	B	C	D	E
C 122104	12±1.0	21±1.0	11.5±1.0	4±0.8	10.5±1.0
C 132505	13±1.0	25±1.0	20±1.0	5±0.8	11.5±1.0
C 163005	16±1.0	30±1.0	/	5±0.8	16±1.0
C 173007	17±1.0	30±1.0	15±1.0	7±1.0	16±1.0
C 203509	20±1.0	35±1.0	28±1.0	9±1.0	17.5±1.0
C 243613	24±1.0	36±1.0	30±1.0	13±1.0	23±1.0

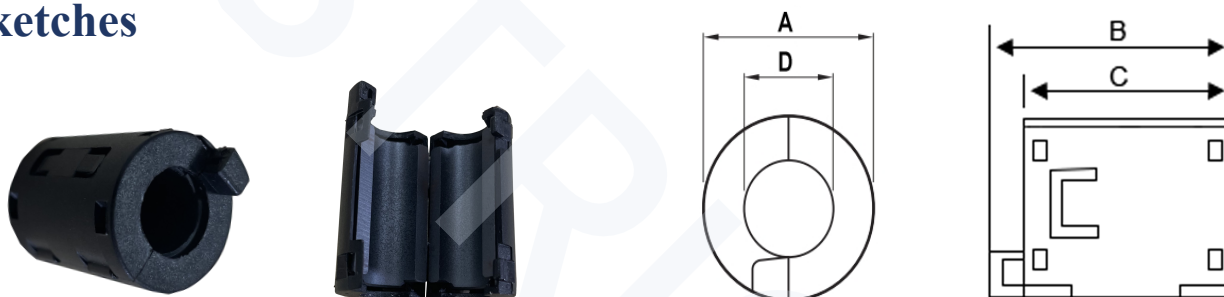
Impedance

Unit: Ω

Part code	Min @25MHz	Test cable	Min @100MHz
C 122104	65	AWG26 1 Turn 80 mm	130
C 132505	100		150
C 163005	70		135
C 173007	60		130
C 203509	70		145
C 243613	60		140

Type 2 Round shape -- bandage fixing

Sketches



Dimensions

Unit: mm

Part code	A	B	C	D	/
C 152207	15±1.0	22±1.0	18±1.0	7±1.0	/
C 203609	20±1.0	36±1.0	31±1.0	9±1.0	/
C 213611	21±1.0	36±1.0	32±1.0	11±1.0	/
C 303913	30±1.0	39±1.0	34±1.0	13±1.0	/

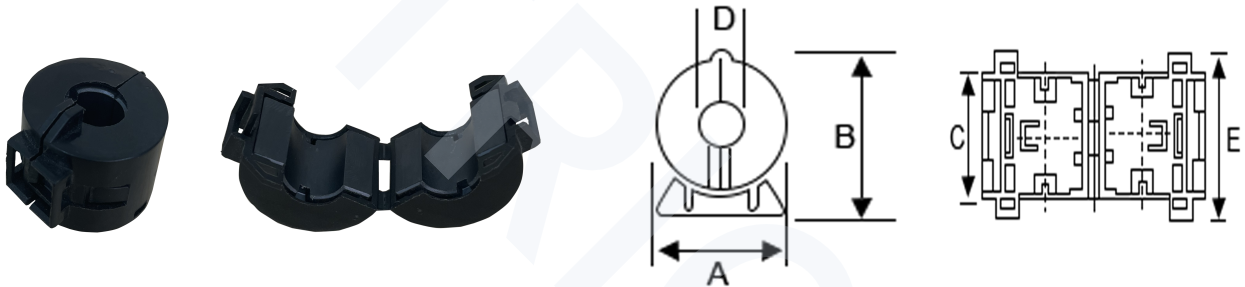
Impedance

Unit: Ω

Part code	Min @25MHz	Test cable	Min @100MHz
C 152207	40	AWG26 1 Turn 80 mm	90
C 203609	75		150
C 213611	65		135
C 303913	80		175

Type 3 Round shape -- frame fixing

Sketches



Dimensions

Unit: mm

Part code	A	B	C	D	E
C 232308	20±1.0	23±1.0	16.5±1.0	8±1.0	23±1.0
C 232608	20±1.0	23±1.0	19.5±1.0	8±1.0	26±1.0
C 282010	24±1.0	28±1.0	13±1.0	10±1.0	20±1.0
C 322411	28±1.0	32±1.0	17.5±1.0	11±1.0	24±1.0
C 332214	29±1.0	33±1.0	15.4±1.0	14±1.0	22±1.0

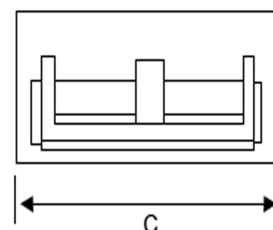
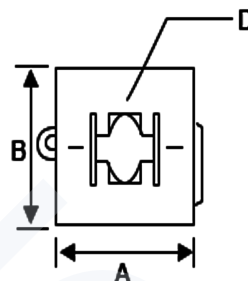
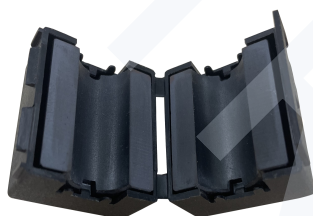
Impedance

Unit: Ω

Part code	Min @25MHz	Test cable	Min @100MHz
C 232308	40	AWG26 1 Turn 80 mm	90
C 232608	50		110
C 282010	40		85
C 322411	45		100
C 332214	35		70

Type 4 Square shape

Sketches



Dimensions

Unit: mm

Part code	A	B	C	D	/
C 142306	14±1.0	14±1.0	23±1.0	6±1.0	/
C 203307	17.5±1.0	20±1.0	33±1.0	7±1.0	/
C 233310	22±1.0	23±1.0	33±1.0	10±1.0	/
C 303213	29±1.0	30±1.0	32±1.0	13±1.0	/
C 323220	29.5±1.0	32±1.0	32±1.0	20±1.0	/

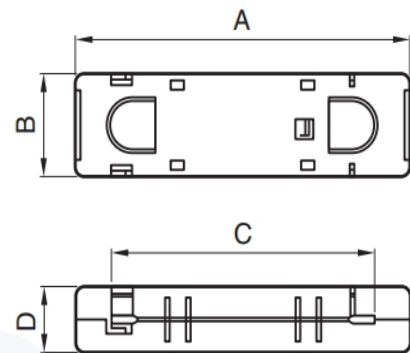
Impedance

Unit: Ω

Part code	Min @25MHz	Test cable	Min @100MHz
C 142306	80	AWG26 1 Turn 80 mm	155
C 203307	120		230
C 233310	100		190
C 303213	120		220
C 323220	60		130

Type 5 Flat shape

Sketches



Dimensions

Unit: mm

Part code	A	B	C	D	/
C 361528	36±1.0	15±1.0	28±1.0	9±1.0	/

Impedance

Unit: Ω

Part code	Min @25MHz	Test cable	Min @100MHz
C 351528	30	AWG26 1 Turn 80 mm	70