

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

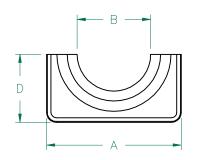
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

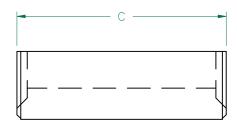
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







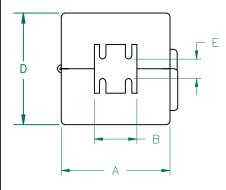


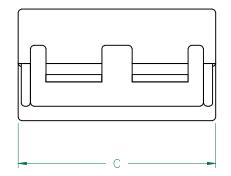


#### CORE DIMENSIONS:

A 18.66 [.735] ± 0.38 [.015]
B 10.16 [.400] ± 0.20 [.008]
C 29.47 [1.160] ± 0.40 [.016]
D 9.40 [.370] ± 0.19 [.007]

# UNCONTROLLED DOCUMENT





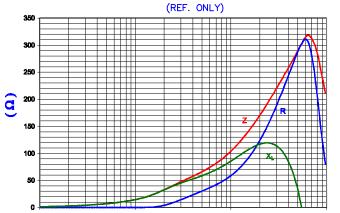
## \*NET IMPEDANCE (Z)

Frequency 300 MHz 500 MHz 1 GHz Nominal (REF) 220  $\Omega$  290  $\Omega$  210  $\Omega$ 

Minimum  $-\Omega$  232  $\Omega$   $-\Omega$ 

\* NET IMPEDANCE IS IMPEDANCE OF THE FERRITE CORE ONLY. ALL IMPEDANCE CONTRIBUTION FROM TEST WIRE AND FIXTURES HAS BEEN REMOVED.

#### NET Z.R AND X vs. FREQUENCY



FREQUENCY (MHz)

AGILENT E4991A Impedance/Material Analyzer

NOTES:

- PLASTIC CASE MATERIAL: POLYPROPYLENE OR NYLON UL94 V-2 OR BETTER FOR FLAMMABILITY.
- 2. ASSEMBLED PART #: HFA187102-0A2
- 3. CASE COLOR: BLACK "OA2"

HP 16092A-Test Fixture REF2864

### CASE DIMENSIONS:

Α	22.28 [.877]	±	Ref.
В	10.00 [.394]	<u>+</u>	Ref.
_	70 77 [4 000]		D (

C 32.77 [1.290] ± Ref.

D 21.84 [.860] ± Ref. E 4.30 [.170] ± Ref.

DIMENSIONS ARE IN mm[INCHES].			This print is the property of Lo	aird						
				Tech. and is loaned in confider subject to return upon request		■ <del></del> ==				
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1				All rights to design or invention						
G	UPDATED LOGO	03/13/13	QIU	are reserved.	"					
F	UPDATED LOGO	07/06/12	Jcai	PROJECT/PART NUMBER:	_	REV	PART T	rPE:	DRAWN BY:	
E	UPDATE NOTES AND COMPANY LOGO	01/22/08	ТМВ	HFA187102-0A2		G FER		RRITE	E. JRK	
	CHANGE CORE DIM "C" TOLERANCE TO					~	SNA	P-ON	OKK	
D	0.51 [.020] & CASE TOLERANCES TO	10/27/06		09/03/04	SCALE:	N	ΓS	MATERIAL:		
				CAD # TOOL		#		NiZn Ferrite		
REV	DESCRIPTION	DATE	INT	CAD #HFA187102-0A2-G						