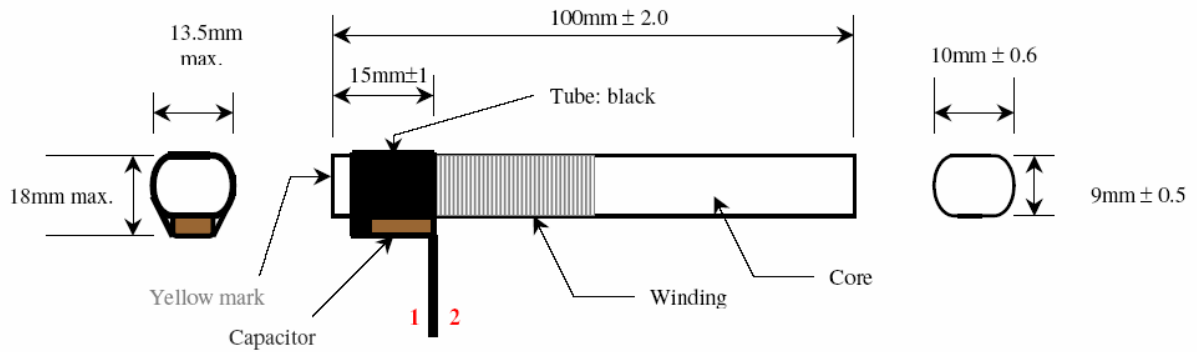


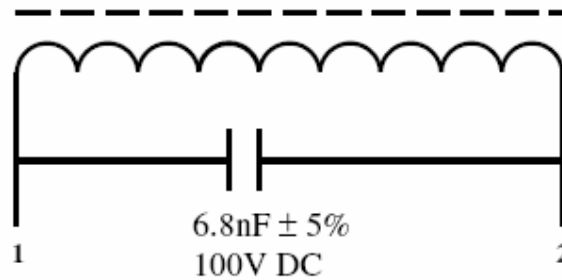
**DESCRIPTION**

The CMA-40-100 is a 100mm length antenna designed for single band clock application.

**DIMENSION**



**CIRCUIT**



**SPECIFICATION**

<b>For Core</b>			
1. Size	10mm x 9mm (width x height)		
<b>For Winding</b>			
	<b>1-2</b>	<b>Testing condition</b>	<b>Measurement instrument</b>
1. No. of Turns	171 turns		
1. Diameter of wire	0.23mm		
3. Inductance	2.3mH±10%	40kHz / 1.0V	HP-4284 A
4. Unloaded Q	110 min.	40kHz / 1.0V	HP-4284 A
5. Resonant Frequency	40kHz±3%	At 20°C	HP-4294A
6. Winding Width	23±2mm		
7. Winding Type	Solenoid		
8. Lead		<b>1</b>	<b>2</b>
	Length	75±5mm	75±5mm
	Colour	Red	Red
9. Soldered Length: 3±2mm			

\*When testing L & Q, no capacitor is connected

**Ordering information**

<b>Description</b>	<b>Part no.</b>
Antenna 40kHz, 100mm	CMA-40-100

**Disclaimer of Warranty**

Information furnished is believed to be accurate and reliable. However C-MAX assumes no responsibility, neither for the consequences of use of such information nor for any infringement of patents or other rights of third parties, which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of C-Max. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. C-MAX products are not authorized for use as critical components in life support devices without express written approval of C-MAX.

**Note**

It is not given warranty that the declared circuits, devices, facilities, components, assembly groups or treatments included herein are free from legal claims of third parties.

The declared data are serving only to description of product. They are not guaranteed properties as defined by law. The examples are given without obligation and cannot given rise to any liability.

Reprinting this data sheet - or parts of it - is only allowed with a license of the publisher.

C-MAX reserves the right to make changes on this specification without notice at any time.

**C-MAX Time Solutions GmbH**

Carl-Zeiss-Str. 13  
74078 Heilbronn

Tel.: +49-7066-900400

Fax: +49-7066-9004029

e-mail: [contact@c-max-time.com](mailto:contact@c-max-time.com)

Data sheets can also be retrieved from our Internet homepage: [www.c-max-time.com](http://www.c-max-time.com)

---

SPEC No.	Revision	State	C-MAX printed	Version	Page
CMA-40-100	A4	28.11.05	5/3/2007	English	3 of 3