

# Spezifikation für Freigabe / specification for release

Kunde / customer : \_\_\_\_\_

Artikelnummer / part number : **74274159**



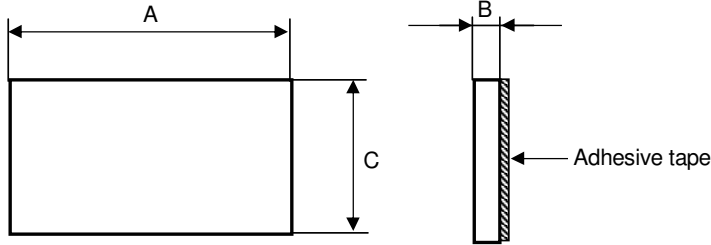
Bezeichnung : **CPU Ferrit Platte**

description : **CPU ferrite core**

**WÜRTH ELEKTRONIK**

DATUM / DATE : 2007-01-26

## A Mechanische Abmessungen / dimensions:

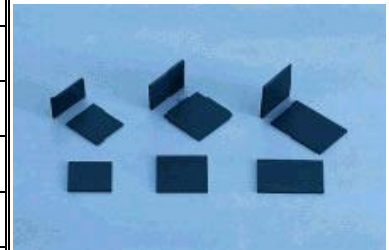


A	<b>23,0 ± 0,60</b>	mm
B	<b>0,8 ± 0,20</b>	mm
C	<b>23,0 ± 0,60</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Impedanz / impedance	<b>25 MHz</b>	Z	<b>24</b>	Ω	<b>±25%</b>
Impedanz / impedance	<b>100 MHz</b>	Z	<b>79</b>	Ω	<b>±25%</b>
Material / material					
Anfangspermeabilität / initial permeability		μ iac	<b>700</b>		
Curie Temperatur / Curie temperature		Tc	<b>140</b>	°C	<b>max.</b>

## C Lötpad / soldering spec.:



## D Prüfgeräte / test equipment:

**HP 4191 B** für/for Z und/and material  
**HP 16092A** Fixture 0,65 wire 2UEW\*100mm 1/2 Turns

## E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: +20°C

## F Werkstoffe & Zulassungen / material & approvals:

Basismaterial / base material: 5W700  
 Klebeband / adhesive tape: 3M 468

## G Eigenschaften / general specifications:

Lagertemperatur / storage temperature: -55°C ~ + 125°C  
 Betriebstemp. / operating temperature: -25°C ~ +125°C

Freigabe erteilt / general release:	Kunde / customer				
Datum / date	Unterschrift / signature				
	Würth Elektronik				
Geprüft / checked	Kontrolliert / approved		KSC	Version 2	07-01-26
			LF	RoHS update	04-10-11
			Name	<b>Änderung / modification</b>	Datum / date

### Würth Elektronik eiSos GmbH & Co. KG

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<http://www.we-online.com>

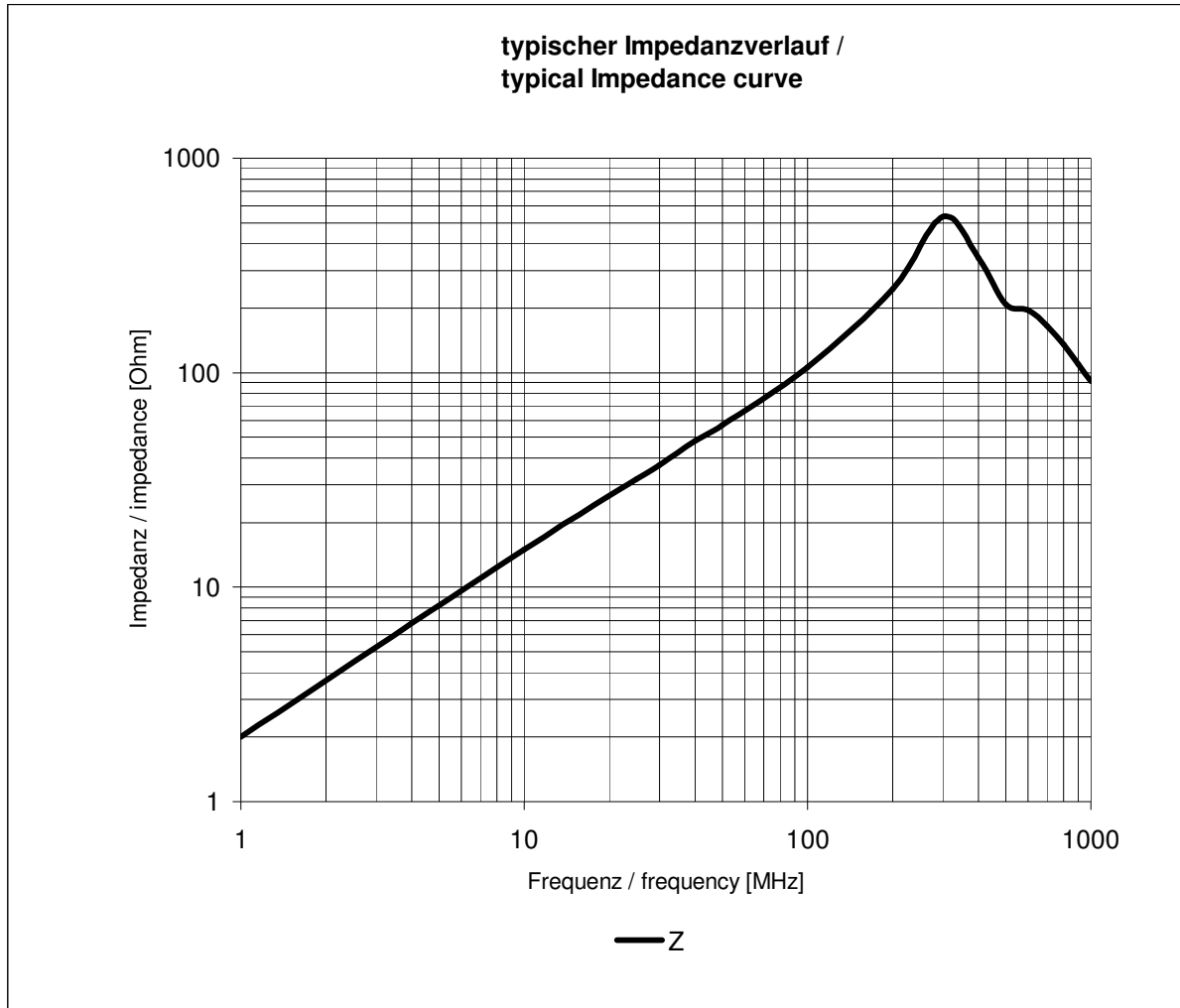
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## H Impedanzverlauf / impedance curve:



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This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

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