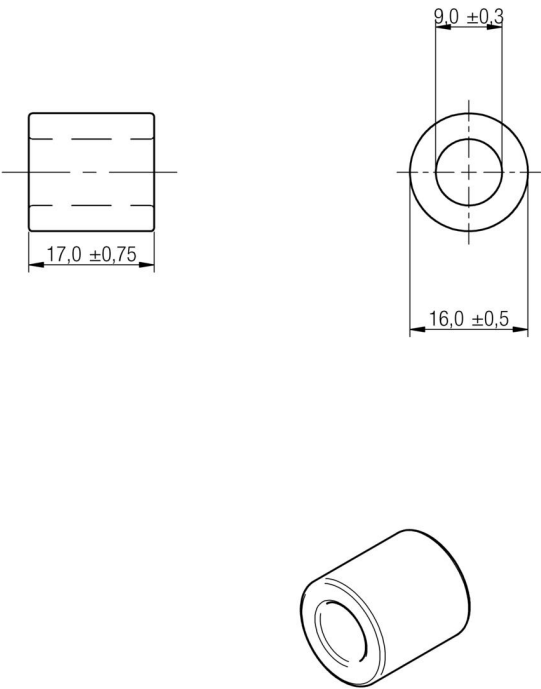
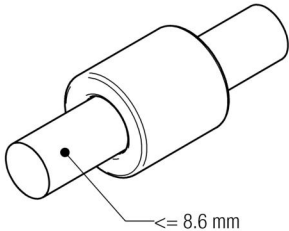


A Dimensions: [mm]



B Applicable Cable Diameter: [mm]



Scale - 1:1



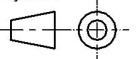

D Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Impedance @ 25 MHz 1 turn	25 MHz	Z	83	Ω	±25%
Impedance @ 100 MHz 1 turn	100 MHz	Z	143	Ω	±25%
Impedance @ 25 MHz 2 turns	25 MHz	Z	339	Ω	typ.
Impedance @ 100 MHz 2 turns	100 MHz	Z	577	Ω	typ.

E General information:

Storage Temperature (before assembly): -20°C to +60°C
Operating Temperature: -25°C to +125°C
Test conditions of Electrical Properties: 20°C, 33% RH
if not specified differently

Scale - 1:1

					<div>Projection</div> 	DESCRIPTION		
						WE-AFB EMI Suppression Axial Ferrite Bead		
					<div>Würth Elektronik eiSos GmbH & Co. KG</div> <div>EMC & Inductive Solutions</div> <div>Max-Eyth-Str. 1</div> <div>74638 Waldenburg</div> <div>Germany</div> <div>Tel. +49 (0) 79 42 945 - 0</div> <div>www.we-online.com</div> <div>eiSos@we-online.com</div>	Order.- No.	<div> COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK</div>	SIZE
5.0	2012-09-27	SSi	SMu			74270054		A4
4.0	2006-06-28	SMu	-					
REV	DATE	BY	CHECKED					

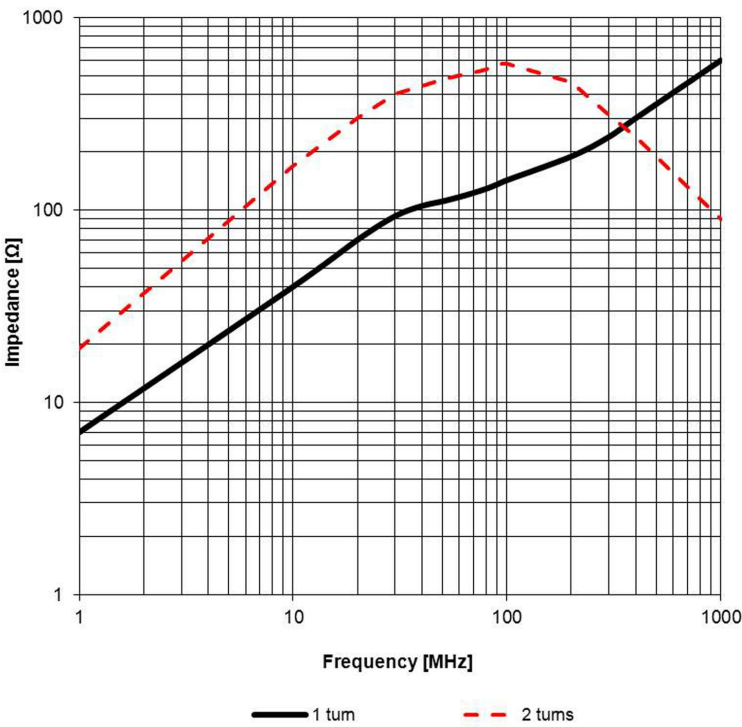
This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eiSos GmbH & Co KG products are neither designed nor intended for use in areas such as military, 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 & Co KG must be informed about the intent of such usage 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.



D2 General Properties:

	Properties		Value	Unit	Tol.
Cable diameter	Cable diameter		≤8.6	mm	
Ferrite core	Material		4 W 620		
Ferrite core	Initial permeability	μ _i	620		typ.
Ferrite core	Curie temperature	T _C	150	°C	typ.
Test cable	Applicable cable		AWG26		
Test cable	Applicable cable length		165	mm	

F Typical Impedance Characteristics:



				Projection 		DESCRIPTION
						WE-AFB EMI Suppression Axial Ferrite Bead
						Order.- No.
5.0	2012-09-27	SSt	SMu			74270054
4.0	2006-06-28	SMu	-			COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK
REV	DATE	BY	CHECKED			SIZE
						A4

This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eiSos GmbH & Co KG products are neither designed nor intended for use in areas such as military, 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 & Co KG must be informed about the intent of such usage 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.

I Cautions and Warnings:

The following conditions apply to all goods within the product series of WE-AFB of Würth Elektronik eiSos GmbH & Co. KG:

General:

All recommendations according to the general technical specifications of the data sheet have to be complied with.

The disposal and operation of the product within ambient conditions which probably alloy or harm the component surface has to be avoided.

The packaging of the product is to encase the needed humidity of the plastic housing. To ensure the humidity level, the products have to be stored in this delivered packaging. If not, the products are losing their humidity. In this case you can re-condition the components according to the internal standard WE1883 to ensure the necessary humidity in the plastic.

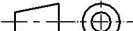

To ensure the operating mode of the product, the ambient temperature at processing (when the part will be mounted on the cable) has to be in the range of 15 to 25 °C.

Before mounting, the part should be stored for one hour in this condition.

The responsibility for the applicability of customer specific products and the use in a particular customer design is always within the authority of the customer. All technical specifications for standard products do also apply for customer specific products.

Direct mechanical impact to the product and the forcible closing of this shall be prevented as the ferrite material of the ferrite body or the plastic housing could flake or in the worst case it could break.



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5.0	2012-09-27	SSt	SMu						
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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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