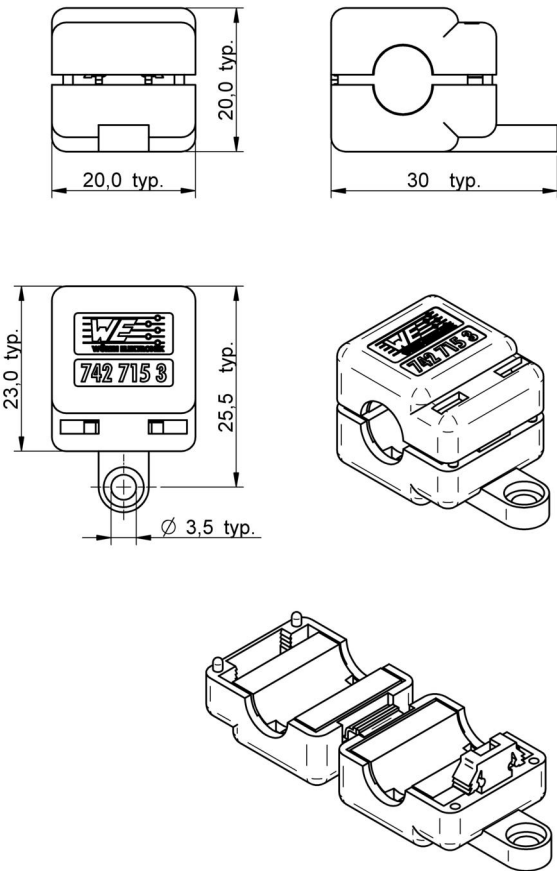


A Dimensions: [mm]

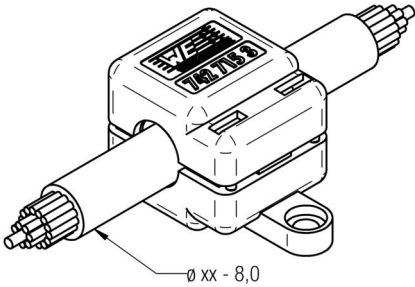


Scale - 1:1

Additional Features

Safety key to lock/ unlock	74271
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B Applicable Cable Diameter: [mm]



Scale - 1:1



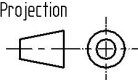
D Electrical Properties:

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	165	Ω	±25%
Impedance @ 25 MHz 2 turns	25 MHz	Z	304	Ω	typ.
Impedance @ 100 MHz 2 turns	100 MHz	Z	572	Ω	typ.

E General information:

- Storage Temperature (before assembly): 0°C to +40°C
- Operating Temperature: -25°C to +105°C
- Test conditions of Electrical Properties: 20°C, 33% RH if not specified differently

				Projection		DESCRIPTION
6.6	2014-06-10	SSt	SSt			
6.5	2014-01-02	SSt	SSt			
6.4	2013-04-22	SSt	SSt			
6.3	2013-02-19	SSt	SMu			
6.2	2012-11-28	SSt	SSt			
6.1	2012-06-27	SSt	SSt			
6.0	2012-04-30	SSt	SMu			
REV	DATE	BY	CHECKED			



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STAR-RING Snap Ferrite with safety key technology

Order.- No.

7427153



SIZE

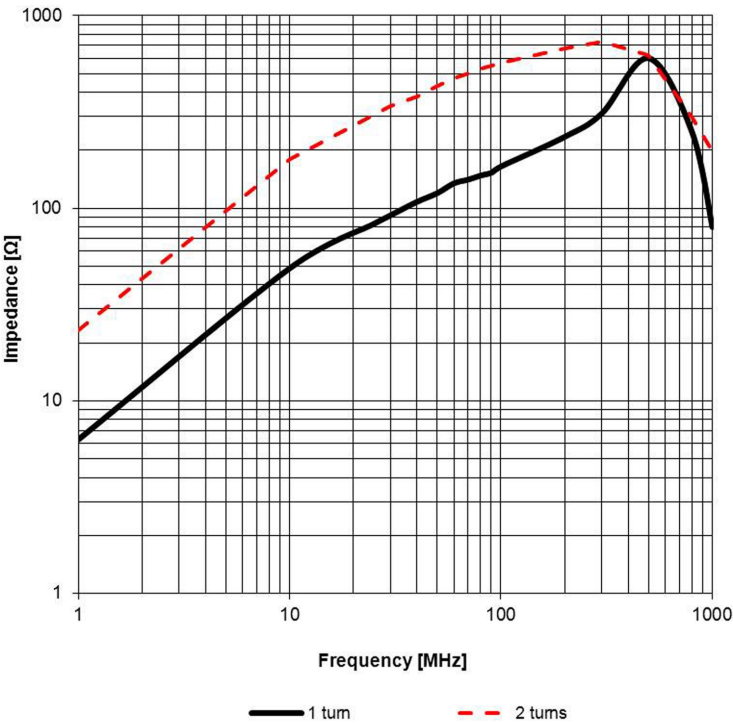
A4



D2 General Properties:

	Properties		Value	Unit	Tol.
Ferrite core	Material		4 W 620		
Ferrite core	Initial permeability	μ_i	620		typ.
Ferrite core	Curie temperature	T_C	150	°C	typ.
Plastic housing	Colour		Grey		
Plastic housing	Flammability Classification		UL94-V0		
Test cable	Applicable cable		AWG26		
Test cable	Applicable cable length		135	mm	

F1 Typical Impedance Characteristics:



				Projection		DESCRIPTION
6.6	2014-06-10	SSt	SSt	 Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com		STAR-RING Snap Ferrite with safety key technology
6.5	2014-01-02	SSt	SSt			
6.4	2013-04-22	SSt	SSt			Order.- No.
6.3	2013-02-19	SSt	SMu			 COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK
6.2	2012-11-28	SSt	SSt			
6.1	2012-06-27	SSt	SSt			
6.0	2012-04-30	SSt	SMu			7427153
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-STAR RING**
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 usage 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 WE1581 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 to 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.

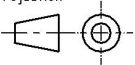
Product specific:

Follow all instructions mentioned in the data sheet, especially:

- The cable diameter must be pointed out, otherwise this will void the warranty.
- Violation of the technical product specifications such as exceeding the nominal rated current will void the warranty.

The general and product specific cautions comply with the state of the scientific and technical knowledge and are believed to be accurate and reliable; however, no responsibility is assumed for inaccuracies or incompleteness.



				Projection		DESCRIPTION
6.6	2014-06-10	SSt	SSt			STAR-RING Snap Ferrite with safety key technology
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6.3	2013-02-19	SSt	SMu			
6.2	2012-11-28	SSt	SSt			
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6.0	2012-04-30	SSt	SMu			
REV	DATE	BY	CHECKED			
				Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com	Order.- No. 7427153	 COMPLIANT RoHS&REACH WÜRTH ELEKTRONIK SIZE A4

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