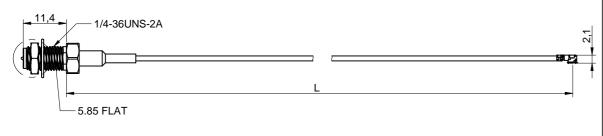
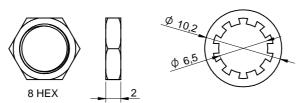
Dimensions: [mm]

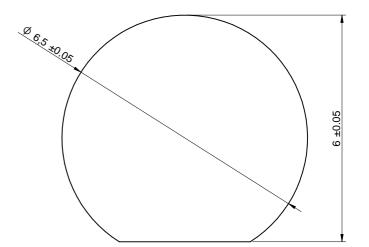


Connector 1





Recommended Panel Cutout: [mm]



Article Properties:

<u> </u>				
Properties		Value	Unit	Tol.
Nominal Cable Length	L	100	mm	±2mm
Panel Thickness		2.8	mm	max.

③ Ø	·	JTs	REVISION 001.000	DATE (YYYY-MM-DD) 2020-10-27	GENERAL TOLERANCE DIN ISO 2768-1m		PROJECTION METHOD ———	-
ROHS COMPLIANT REACH COMPLIANT Würth Elektronik eiSos GmbH & Co. KG				SMA Bulkh				
	Wild resolutions does and a Co. Rd EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany	to UMF	RF Right	Angle Plu	g	ORDER CODE 6362	09070100	
	Tel. +49 (0) 79 42 945 - 0	SIZE/TYPE			BUSINESS LINIT	STATUS	·	PAGE

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 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 in intended for use in areas such as military, aerospace, aviation, nuclear control, stain control, ship control), train control, ship control, ship control, ship control), train control, ship control, ship control, ship control), train control, ship c

Connector 2

Material Properties Cable:

Properties	Value	Unit
Nominal Outer Cable Diameter	1.32	mm
Cable Jacket Material	FEP	
Cable Flammability Rating	VW-1	
Cable Jacket Color	Black	

Material Properties Connector 1:

Insulator Material	PTFE
Insulator Color	White
Center Contact Material	Brass
Center Contact Plating	Gold over Nickel
Body Material	Brass
Body Plating	Gold over Nickel
Spacer Material	Brass
Spacer Plating	Gold over Nickel
Nut Material	Brass
Nut Plating	Gold over Nickel
Lock Washer Material	Brass
Lock Washer Plating	Gold over Nickel
Heat Shrink Tube Material	PE
Heat Shrink Tube Color	Black

Material Properties Connector 2:

Insulator Material	PA66
Insulator Flammability Rating	UL94 V-0
Insulator Color	Black
Contact Material	Phosphor Bronze
Contact Plating	Gold over Nickel
Shell Material	Phosphor Bronze

Material Properties Connector 2:

Shell Plating	Gold over Nickel
---------------	------------------

Kind Properties:

Properties		Value
Interface 1	101	MIL-STD-348
Connector Type 1		RP SMA
Orientation Type 1		Straight
Gender 1		Jack
Connector Type 2		UMRF
Orientation Type 2		Right Angle
Gender 2		Plug

General Properties:

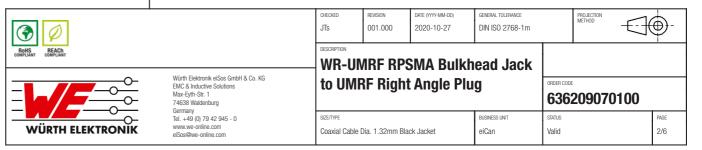
I	Operating Temperature	-40 up to +90 °C

Electrical Properties:

F	Properties		Test conditions	Value	Unit	Tol.
	mpedance	Z	DC~6 GHz	50	Ω	
Ī	Frequency Range	f		DC~6 GHz		
	/SWR		DC~6 GHz	1.6		max.
I	nsertion Loss	IL	DC~6 GHz	1.2	dB	max.
l	nsulation Resistance	R _{ISO}	100 V (DC) in 120 sec.	500	MΩ	min.
١	Withstanding Voltage		200 V (AC) in 60 sec.	200	V (RMS)	min.

Mechanical Properties:

Properties Test conditions		Value	Unit	Tol.
Mating Cycle	Connector 1	500	Cycles	
Mating Cycle	Connector 2	30	Cycles	
Un-Mating Force Initial	Connector 2	5	N	min.



This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment only. This product is not authorized for use in equipment 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 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 light is a feet and electronic component which is used in the require light is a feet and electronic component which is used in the electronic component

Mechanical Properties:

Properties Test conditions		Value	Unit	Tol.
Un-Mating Force After Test	Connector 2	3	N	min.
Cable Pull Force-Axial 1)	Connector 2	4	N	max.
Cable Pull Force-Vertical ²⁾	Connector 2	2	N	max.
Crimping Force	Connector 2	10	N	min.
Cable Retention	Connector 1	10	N	min.
Min. Bend Radius		4	mm	

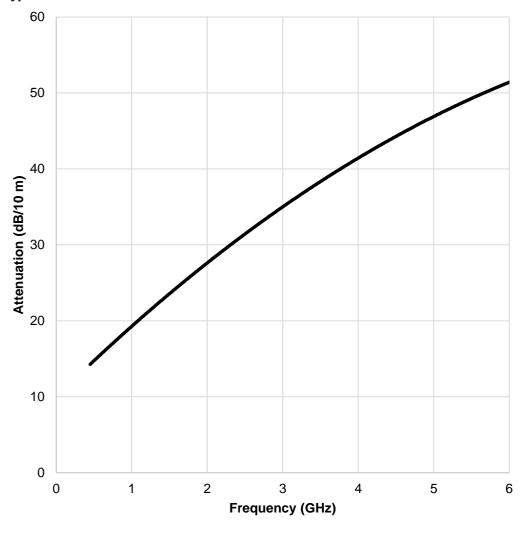
 $^{^{1)}}$ After mated with the receptacle, and no electrical discontinuity of 1 micro-sec. min. $^{2)}$ After mated with the receptacle, and no electrical discontinuity of 1 micro-sec. min.

Certification:

RoHS Approval	Compliant [2011/65/EU&2015/863]
REACh Approval	Conform or declared [(EC)1907/2006]

Specific Recommendation:

Typical Attenuation:



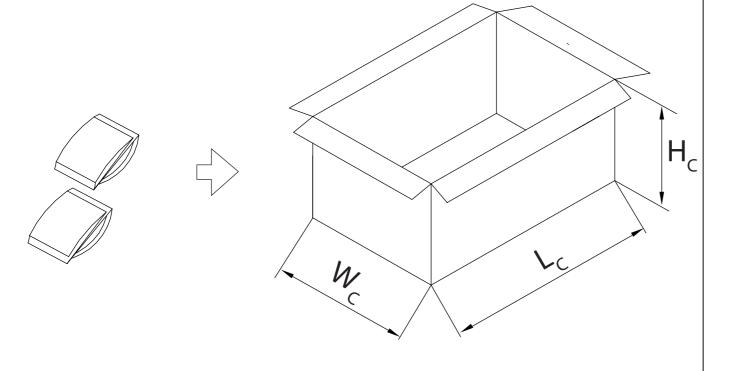


This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment only. This product is not authorized for use in equipment only. This product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eißos GmbH & Co KG must be informed do for use in areas such as millitary, aerospace, aviation, nuclear control, ship control), train control, ship control), train control, bright control in 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 eißos 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 a reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eißos 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 a reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eißos 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 and the product of the product of the product is a sufficient to a sufficient performance of the product of

Packaging Specification - Carton: [mm]

W_C (mm)

H_C (mm)



No. Pieces of Bag2

3 0		JTs	REVISION 001.000	DATE (YYYY-MM-DD) 2020-10-27	GENERAL TOLERANCE DIN ISO 2768-1m	PROJE METHO)D	-	
ROHS COMPLIANT COMPLIANT			WR-UMRF RPSMA Bulkhead Jack						
WÜRTH ELEKTRONIK	Würth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74639 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com elSos@we-online.com	to UMI	to UMRF Right Angle Plug				636209070100		
		SIZE/TYPE Coaxial Cable	Dia. 1.32mm Bla	ck .lacket	BUSINESS UNIT eiCan	status Valid		PAGE 4/6	

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 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 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 light safety and reliability functions or performance.

Material

Cautions and Warnings:

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

General:

- This mechanical component is designed and manufactured for use in general electronic equipment.
- Würth Elektronik must be asked for written approval (following the PPAP procedure) before incorporating the components into any
 equipment in fields such as military, aerospace, aviation, nuclear control, submarine, transportation (automotive control, train control,
 ship control), transportation signal, disaster prevention, medical, public information network, etc. where higher safety and reliability are
 especially required and/or if there is the possibility of direct damage or human injury.
- Mechanical components that will be used in safety-critical or high-reliability applications, should be pre-evaluated by the customer.
- The mechanical component is designed and manufactured to be used within the datasheet specified values. If the usage and operation
 conditions specified in the datasheet are not met, the component may be damaged or dissolved.
- Do not drop or impact the components, the component may be damaged.
- Prevent any damage or scratches on the component, especially on the actuator
- Direct mechanical impact to the product shall be prevented (e.g overlapping of the PCB's).
- Würth Elektronik products are qualified according to international standards, which are listed in each product reliability report. Würth
 Elektronik does not warrant any customer qualified product characteristics beyond Würth Elektroniks' specifications, for its validity and
 sustainability over time.
- The responsibility for the applicability of the customer specific products and 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.
- The mechanical component is designed to be used along with Würth Elektronik counterparts and tools. Würth Elektronik cannot ensure
 the reliability of these components while being used with other products.

Product Specific:

Soldering:

- The solder profile must comply with the technical product specifications. All other profiles will void the warranty.
- All other soldering methods are at the customers' own risk.

Cleaning and Washing:

- Washing agents used during the production to clean the customer application might damage or change the characteristics of the component, body, pins and termination. Washing agents may have a negative effect on the long-term functionality of the product.
- Using a brush during the cleaning process may deform function relevant areas. Therefore, we do not recommend using a brush during the PCB cleaning process.

Potting and Coating:

If the product is potted in the customer application, the potting material might shrink or expand during and after hardening. Shrinking
could lead to an incomplete seal, allowing contaminants into the components. Expansion could damage the components. We
recommend a manual inspection after potting or coating to avoid these effects.

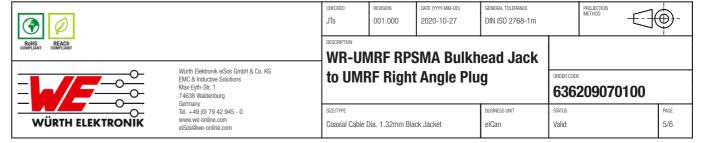
Storage Conditions:

- A storage of Würth Elektronik products for longer than 12 months is not recommended. Within other effects, the terminals may suffer degradation, resulting in bad solderability. Therefore, all products shall be used within the period of 12 months based on the day of shipment.
- Do not expose the components to direct sunlight.
- The storage conditions in the original packaging are defined according to DIN EN 61760-2.
- The storage conditions stated in the original packaging apply to the storage time and not to the transportation time of the components.

Handling:

- Do not repeatedly operate the component with excessive force. It may damage or deform the component resulting in malfunction.
- In the case a product requires particular handling precautions, in addition to the general recommendations mentioned here before, these will appear on the product datasheet.

These cautions and warnings 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.



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 and reliability standard and reliability standard and reliability standard in 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 Worth Elektronik elSos GmbH & Co KG must be informed in every electronic component which is used in electrical circuits that require high safety and reliability functions or performance on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

Important Notes

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

1. General Customer Responsibility

Some goods within the product range of Würth Elektronik eiSos GmbH & Co. KG contain statements regarding general suitability for certain application areas. These statements about suitability are based on our knowledge and experience of typical requirements concerning the areas, serve as general guidance and cannot be estimated as binding statements about the suitability for a customer application. The responsibility for the applicability and use in a particular customer design is always solely within the authority of the customer. Due to this fact it is up to the customer to evaluate, where appropriate to investigate and decide whether the device with the specific product characteristics described in the product specification is valid and suitable for the respective customer application or not.

2. Customer Responsibility related to Specific, in particular Safety-Relevant Applications

It has to be clearly pointed out that the possibility of a malfunction of electronic components or failure before the end of the usual lifetime cannot be completely eliminated in the current state of the art, even if the products are operated within the range of the specifications. In certain customer applications requiring a very high level of safety and especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health it must be ensured by most advanced technological aid of suitable design of the customer application that no injury or damage is caused to third parties in the event of malfunction or failure of an electronic component. Therefore, customer is cautioned to verify that data sheets are current before placing orders. The current data sheets can be downloaded at www.we-online.com.

3. Best Care and Attention

Any product-specific notes, cautions and warnings must be strictly observed. Any disregard will result in the loss of warranty.

4. Customer Support for Product Specifications

Some products within the product range may contain substances which are subject to restrictions in certain jurisdictions in order to serve specific technical requirements. Necessary information is available on request. In this case the field sales engineer or the internal sales person in charge should be contacted who will be happy to support in this matter.

5. Product R&D

Due to constant product improvement product specifications may change from time to time. As a standard reporting procedure of the Product Change Notification (PCN) according to the JEDEC-Standard inform about minor and major changes. In case of further queries regarding the PCN, the field sales engineer or the internal sales person in charge should be contacted. The basic responsibility of the customer as per Section 1 and 2 remains unaffected.

6. Product Life Cycle

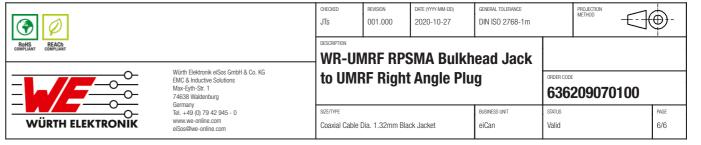
Due to technical progress and economical evaluation we also reserve the right to discontinue production and delivery of products. As a standard reporting procedure of the Product Termination Notification (PTN) according to the JEDEC-Standard we will inform at an early stage about inevitable product discontinuance. According to this we cannot guarantee that all products within our product range will always be available. Therefore it needs to be verified with the field sales engineer or the internal sales person in charge about the current product availability expectancy before or when the product for application design-in disposal is considered. The approach named above does not apply in the case of individual agreements deviating from the foregoing for customer-specific products.

7. Property Rights

All the rights for contractual products produced by Würth Elektronik eiSos GmbH & Co. KG on the basis of ideas, development contracts as well as models or templates that are subject to copyright, patent or commercial protection supplied to the customer will remain with Würth Elektronik eiSos GmbH & Co. KG does not warrant or represent that any license, either expressed or implied, is granted under any patent right, copyright, mask work right, or other intellectual property right relating to any combination, application, or process in which Würth Elektronik eiSos GmbH & Co. KG components or services are used.

8. General Terms and Conditions

Unless otherwise agreed in individual contracts, all orders are subject to the current version of the "General Terms and Conditions of Würth Elektronik eiSos Group", last version available at www.we-online.com.



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 Worth Elektronik elSos 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 performanced on every electronic component which is used in electrical circuits that require high safety and reliability in unclions or performance.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF Cable Assemblies category:

Click to view products by Wurth manufacturer:

Other Similar products are found below:

73-6352-10 73-6353-3 R285001001 R288940004 145111-05-12.00 1661-C-24 1801171170914KE 24P104C24J1-012 24P104C24P1-006
24P104C24P1-018 24P204C24J1-003 172-2150-EX FCB-3030-ALT 21117-046 21117-050 PCX-24-50 24P103C24P2-003 25P203C25P2003 R284008001 R285001021 R285426000 R288940003 4814-BB-24 5260-72 JT2N1-CL1-1F DLP-COAX1 4814-K-48 115101-09-06.00
CCNTN2-MM-LL335-26 73-6351-25 73-6352-3 73-6353-25 1800920920610PJ GD0BQ0BQ024.0 1-3636-600-5210 TL8A-11SMA11SMA-01500-51 R284C0351060 R288940009 R284C0351028 R288940002 9702-1SL-1 PT82NSMA 73-6353-10 R285020301W PCX18-50 Minibend-9 Minibend-4 BNC TO SMA Cable MIKROE-274 Minibend-10