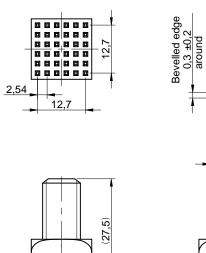
Dimensions: [mm]



ᆸᆸᆸᇅᇊ

6,0

detail A

M 10

Scale - 1:1

A

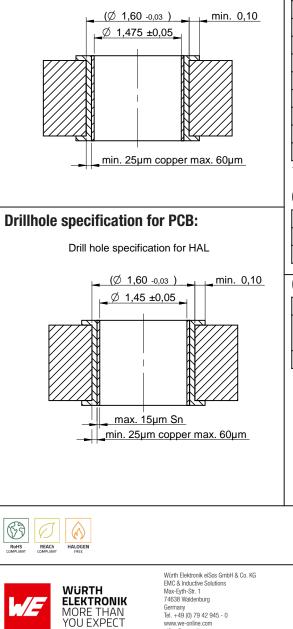
±0,2

3,5

16,0 24,0

Drillhole specification for PCB:

Drill hole specification for chemical surface



Properties:

		P	opertie	S:									
Surface Tin Execution Press-Fit Tightening Torque 17 N*m Insertion Force 10 30 N per Pin Extraction Force 1) 30 N per Pin PCB Thickness min 1.6 mm PCB Thickness max 3.2 mm Rated Current I _R @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1 1 1 ⁿ min. 24hours after Press-Fit Process Certification: ReACh Approval Compliant [2011/65/EU82015/863] REACh Approval Conform or declared [EC)1907/2006] Halogen Free Conform (IEC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single 0 °C up to +40 °C; up to 75 % RH Packaging Bulk WP-SHFU REDCUBE PRESS-FIT WP-SHFU REDCUBE PRESS-FIT Urent code Uperation Conservent Telefont Uperation Reveal Reveal Reveal Surgerow MP-SHFU REDCUBE PRESS-FIT Memory Telefont Uperatine Re		Pr	operties				Test conditions	Value	Unit	To			
Network Press-Fit Tightening Torque 17 N*m Insertion Force 40 N per Pin Extraction Force 1) 30 N per Pin PCB Thickness max 3.2 mm Rated Current I _R @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1 nm 1 ⁿ min. 24hours after Press-Fit Process Compliant [2011/65/EU82015/863] REACh Approval Conform or declared [EC)1907/2006] Halogen Free Conform or declared [EC)1907/2006] Halogen Free Conform [IEC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single of °C up to + 40 °C; up to 75 % RH Packaging Bulk Verservice 0°C up to + 40 °C; up to 75 % RH Packaging Execute WP-ShFU REDCUBE PRESS-FIT Generation Generation Generation Unservice Reases out Sorus Tester cole Tester cole Inservice Reases out Sorus Tester cole Tester cole		M	aterial					Brass					
Tightening Torque 17 N*m Insertion Force 40 N per Pin PCB Thickness min 1.6 mm PCB Thickness max 3.2 mm Rated Current I.R @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1) min. 24hours after Press-Fit Process Certification: RoHS Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [(EC)1907/2006] Halogen Free Conform [IEC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Verserver 001.003 2022-09-30 DN IS0 2768-1m Ferego Verserver WP-SHFU REDCUBE PRESS-FIT Overserver Total too Verserver REARES ust Surge Total too Deserver Resease ust Struce Total too		Su	irface					Tin					
Insertion Force 40 N per Pin Extraction Force 1) 30 N per Pin PCB Thickness max 1.6 mm PCB Thickness max 3.2 mm Rated Current In 1.8 0.0 Operating current depends on PCB, cable lug and cross section of the cable 1 In min. 24hours after Press-Fit Process Certification: RACh Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [(EC)1907/2006] Halogen Free Conform (IEC 61249-2-21] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk		Ex	ecution					Press-Fit		Tol.			
Extraction Force 1) Image: Strategy of the second seco		Ti	ghtening T	orque				17	N*m				
PCB Thickness min 1.6 mm PCB Thickness max 3.2 mm Rated Current I _R @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1 ¹ min. 24hours after Press-Fit Process Certification: RoHS Approval Compliant [2011/65/EU82015/863] REACh Approval Conform or declared [[EC]1907/2006] Halogen Free Conform or declared [[EC]1907/2006] Halogen Free Conform or declared [[EC]1907/2006] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single of °C up to + 40 °C; up to 75 % RH Packaging Bulk		In	sertion Fo	rce				40	N per Pin	mi			
PCB Thickness max IR 3.2 mm Rated Current IR @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1 min. 24hours after Press-Fit Process Certification: RoHS Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [[EC]1907/2006] Halogen Free Conform or declared [[EC]1907/2006] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Vectore 001.003 2022-09-30 UNISD 2768-1m Vectore Vectore Vectore WP-SHFU REDCUBE PRESS-FIT Over core Vectore 7461100		Ex	traction F	orce ¹⁾				30	N per Pin	mi			
Rated Current IR @ 20 °C 350 A Operating current depends on PCB, cable lug and cross section of the cable 1 ¹ min. 24hours after Press-Fit Process Certification: Compliant [2011/65/EU82015/863] RACh Approval Compliant [2011/65/EU82015/863] REACh Approval Conform or declared [[EC]1907/2006] Halogen Free Conform or declared [[EC]1907/2006] Halogen Free Conform or declared [[EC]1907/2006] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Uscommode 001.003 2022-09-30 DN ISO 2768-1m WP-SHFU REDCUBE PRESS-FIT Over rover Uscommode 7461100 SECTIVE BURESDATE		PC	B Thickne	ss min				1.6	mm				
Operating current depends on PCB, cable lug and cross section of the cable 1) min. 24hours after Press-Fit Process Certification: RoHS Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [(EC)1907/2006] Halogen Free Conform [IEC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Vere (YVY MALCO) Entropy (DN ISO 2768-1m) Descretow 01.003 2022-09-30 WP-SHFU REDCUBE PRESS-FIT Overe conte Userse user Surger conte Surger conte 7461100 Surger conte 1000		PC	B Thickne	ss max				3.2	mm				
Image: Construction of the second		Ra	ted Curre	nt		I _R	@ 20 °C	350	A	ma			
Certification: RoHS Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [(EC)1907/2006] Halogen Free Conform [EC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Vector: SuPe 001.003 2022-09-30 DIN ISO 2768-1m MEHOD Vector: WP-SHFU REDCUBE PRESS-FIT WP-SHFU REDCUBE PRESS-FIT Order code OUTLON Support to the to to the to to the top to the top to the top to the top to top to the top			0	perating curre	ent depends	on P(CB, cable lug and c	ross section of t	he cable				
RoHS Approval Compliant [2011/65/EU&2015/863] REACh Approval Conform or declared [[EC)1907/2006] Halogen Free Conform or declared [[EC)1907/2006] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Veccesto Revision SuPe 001.003 2022-09-30 DN ISO 2768-1m Vecceston WP-SHFU REDCUBE PRESS-FIT Very Yee Business unit SECTIVE Secuer conce Very Yee Business unit					Fit Process								
REACh Approval Conform or declared [(EC)1907/2006] Halogen Free Conform [IEC 61249-2-21] General Information: Operating Temperature Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk		_					Compliant	2011/65/EU820	15/9621				
Halogen Free Conform [IEC 61249-2-21] General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Decore REVISION 01.003 DATE (YYY-MM-00) 2022-09-30 General TOLERANCE DIN ISO 2768-1m PROJECTION METHOD Description WP-SHFU REDCUBE PRESS-FIT OPERE CODE 74611100 PROJECTION TORULA IN THE DISTINGTION OF TABLES UNIT DESCRIPTION													
General Information: Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Packaging Bulk Orecreto REVISION QUID DATE (YYYMMADD) QUID BULK Packaging Bulk DIN ISO 2768-1m PROJECTION DESCRIPTION WP-SHFU REDCUBE PRESS-FIT VERDER CODE 7461100 SIZETIME BUSINESS UNIT													
Operating Temperature -55 up to +150 °C Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk VECKED REVISION SuPe 001.003 DESCRIPTION DATE (YYYY MM-DD) DESCRIPTION PROJECTION DESCRIPTION PROJECTION DESCRIPTION OUT. 003 DESCRIPTION OPERATION SZETTIVE DESCRIPTION				-					1				
Storage Conditions (for single parts) 0 °C up to + 40 °C; up to 75 % RH Packaging Bulk Packaging Bulk Packaging 01.003 Description 2022-09-30 Discription WP-SHFU REDCUBE PRESS-FIT VPC-SHFU REDCUBE PRESS-FIT ORDER CODE 7461100 Status Status Business unit					ion:	-55 up to +150 °C							
parts) ore of ore up to + 40° c, up to 7.3 % km Packaging Bulk OreckeD REVISION SuPe 001.003 DIV IS 222:09-30 DIN ISO 2768-1m DESCRPTION WP-SHFU REDCUBE PRESS-FIT ORDER CODE 74611100 SIZE/TYPE BUSINESS UNIT				-55 up t0 +150 0									
CHECKED REVISION DATE (YYY*AM-DD) GENERAL TOLEPANCE PPOLECTION SuPe 001.003 2022-09-30 DIN ISO 2768-1m METHOD DESCRPTION					single	0 °C up to + 40 °C; up to 75 % RH							
SuPe 001.003 2022-09-30 DIN ISO 2768-1m DESCRIPTION ORDER CODE THE SZETTYPE RUSNESS UNIT STATUS		Packaging				Bulk							
SuPe 001.003 2022-09-30 DIN ISO 2768-1m DESCRIPTION WP-SHFU REDCUBE PRESS-FIT ORDER CODE SZE/TYPE BUSNESS LWIT STATUS I													
WP-SHFU REDCUBE PRESS-FIT					1			PROJECTION METHOD)-			
SZE/TYPE BUSNESS LNIT STATUS f				HFU RED	CUBE F	PRE	SS-FIT						
SZE/TYPE BUSINESS UNIT STATUS I									N*m min. N per Pin min. M per Pin min. mm mm A max e cable 15/863] 17/2006] 21]				
			0175 (7)/25				DUCINICOC UNIT			DAGE			
plate eiCan Valid			Terminals wit	h external thread	and full plain pir	1-	eiCan	Valid	N*m Image: Constraint of the second seco				

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 Wurth Elektronik elSos GmbH & Co KG must be information intended for use in equipment where a higher safety standard and reliability 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 Wurth Elektronik elSos GmbH & Co KG must be information intended for use in equivalent 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 Wurth Elektronik elSos GmbH & Co KG must be information network etc.. Wurth Elektronik elSos GmbH & Co KG must be information intended to use is electronic component which is used in electrical circuits there adjust high standard is especially executed an electronic component which is used in electrical circuits there are electrical circuits ther

eiSos@we-online.com

Cautions and Warnings:

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

General:

- This electromechanical component was 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.
- Electromechanical components that will be used in safety-critical or high-reliability applications, should be pre-evaluated by the customer.
- The 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.
- 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.
- Würth Elektronik products are qualified according to international standards. Würth Elektronik does not warrant any customer qualified
 product characteristics beyond Würth Elektroniks' specifications, for its validity and sustainability over time.

Product Specific:

Press-Fit Technology:

Follow all instructions in the datasheet, especially:

- Drill-hole specifications.
- Wave and reflow soldering is not applicable.
- During press-fit process, PCB should be supported by matrix against bending.
- · Chip formation due to material displacement is permitted.

Storage Conditions:

- 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.

Packaging:

 The packaging specifications apply only to purchase orders comprising whole packaging units. If the ordered quantity exceeds or is lower than the specified packaging unit, packaging in accordance with the packaging specifications cannot be ensured.

Handling:

- The maximum permissible torques must be complied with to prevent mechanical destruction. REDCUBE Press-Fit right angled versions have to be fixed and hold in position when the screw is tightened. Otherwise the PCB can be damaged.
- Blind hole thread: the dimension of the thread length in the drawing (page 1) defines the minimum screw-in depth of a screw.
- External thread: the dimension of the shaft length in the drawing (page 1) includes the thread run-out. The usable thread length is defined by DIN 76-1:2016-08 (Table 1, a1).

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.

	CHECKED SuPe	REVISION 001.003	DATE (YYYY-MM-DD) 2022-09-30	general tolerance DIN ISO 2768-1m		PROJECTION METHOD	\square	⊕ -	
ROHS REACH HALOGEN COMPLIANT COMPLIANT FREE		WP-SHFU REDCUBE PRESS-FIT							
WURTH ELEKTRONIK MORE THAN	Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany					ORDER CODE 746	1100		
MORE THAN YOU EXPECT	Tel. +49 (0) 79 42 945 - 0 www.we-online.com eiSos@we-online.com	SIZE/TYPE Terminals with plate	external thread a	nd full plain pin-	BUSINESS UNIT eiCan	status Valid			PAGE 2/3

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 elSos GmbH & Co KG must be informed on every electronic component which is used in entential submit and reliability 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 elSos GmbH & Co KG must be information intervork etc... Würth Elektronik elSos GmbH & Co KG must be information intervork etc... Würth Elektronik elSos GmbH & Co KG must be information component which is used in electrical circuits that require high state the require high state electrical circuits that require high state electrical circuits that

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.

63			CHECKED SuPe	REVISION 001.003	DATE (YYYY-MM-DD) 2022-09-30	GENERAL TOLERANCE DIN ISO 2768-1 m		PROJECTION METHOD	-	⊕ -
RoHS COMPLIANT	COMPLIANT COMPLIANT FREE				CUBE PRE					
		Wirth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com elSos@we-online.com					ORDER CODE 746	1100		
	MORE THAN YOU EXPECT		SIZE/TYPE Terminals with plate	external thread a	and full plain pin-	BUSINESS UNIT eiCan	status Valid			PAGE 3/3

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 elSos GmbH & Co KG must be information network etc... Wūrth Elektronik elSos GmbH & Co KG must be information network etc... Wūrth Elektronik elSos GmbH & Co KG must be information network etc... Wūrth Elektronic executed an agreement specifically governing such use, advation, nuclear control, train control, ship control, train control, train