

WURTH 74270036 alternative



Part no. RH 10.5x28.5x5.5-LF
Ferrite Core, Cylindrical, 958 ohm, 28.5 mm
Length, 5.5 mm ID, 10.5 mm OD, WE-AFB Series



SPECIFICATION APPROVAL

CUSTOMER : BEC Distribution

PRODUCT : RH 10.5x28.5x5.5-LF

MATERIAL C4S

CODE NO. : A00232131

CUS. CODE :

SPEC.NO. : A-0232-131(00)

CUSTOMER APPROVAL

BEC DISTRIBUTION Ltd.

www.bec.co.uk

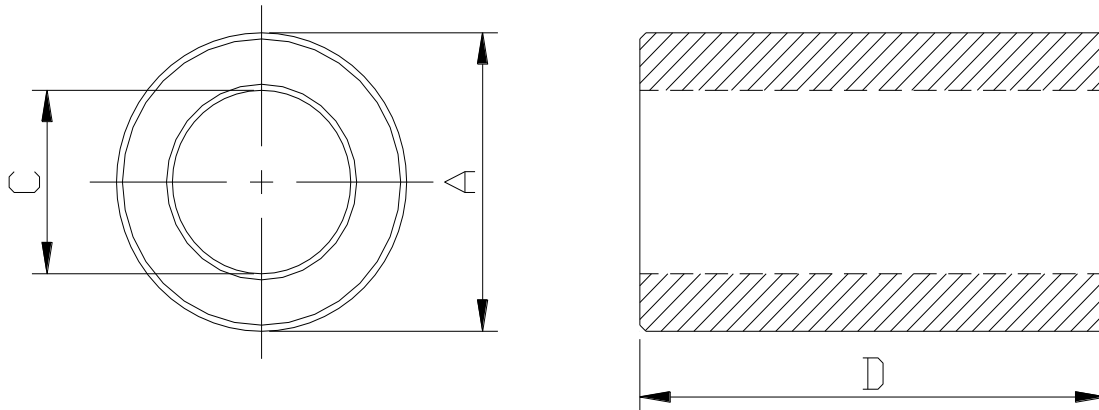
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PREPARED BY	APPROVED BY	AUTHORIZED BY
JEAN	TONY	MASCOT

SPECIFICATION					SPEC. NO. A-0232-131(00)				
CUSTOMER BEC Distribution			TITLE: C4S RH 10.5x28.5x5.5-LF			CODE NO. A00232131	CUS. CODE		
MATERIAL	PROJECTION	UNIT	SCALE	BEGINNING			FERRITE DIVISION		
C4S	THIRD ANGLE	mm	FREE	24 DAY 5 MONTH 2022 YEAR			DESIGNED	CHECKED	APPROVED
				ABOLISHMENT			JEAN	TONY	MASCOT
				DAY MONTH YEAR					
NO	REVISORY DATE			REVISORY CONTENTS AND REASON				DESIGNED	CHECKED
	DAY	MONTH	YEAR						

CONFIGURATION & DIMENSIONS :

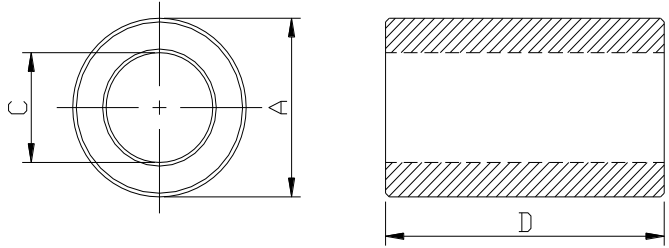


DIMENSIONS	A	B	C	D	E	F	H							
m m	10.5		5.50	28.50										
TOLERANCE	±0.5		±0.3	±0.8										

ELECTRIC CHARACTERISTICS :

SPECIFICATION		TEST METHOD
Z1	140Ω ±25%	ψ0.4×220mm 2UEW 1Ts at 25MHz at HP 4286A
Z2	240Ω ±25%	ψ0.4×220mm 2UEW 1Ts at 100MHz at HP 4286A

Outgoing Inspection Report

Customer	BEC Distribution		P/N	C4S RH 10.5x28.5x5.5-LF				
Quantity	PCS	CODE NO	A00232131	SPEC NO	A-0232-131(00)	DATE	2022/5/24	
Winding	0.4 Φ X 220 mm 2 U.E.W 1 TS			DRAWING: 				
Equipments								
Frequence	FO= Hz Ft= 25,100 MHz							
Humity	Temp.	22 °C	HuMu.					96%
Sample planned	MIL-STD-105E.- LII							
Dimension								
Look								

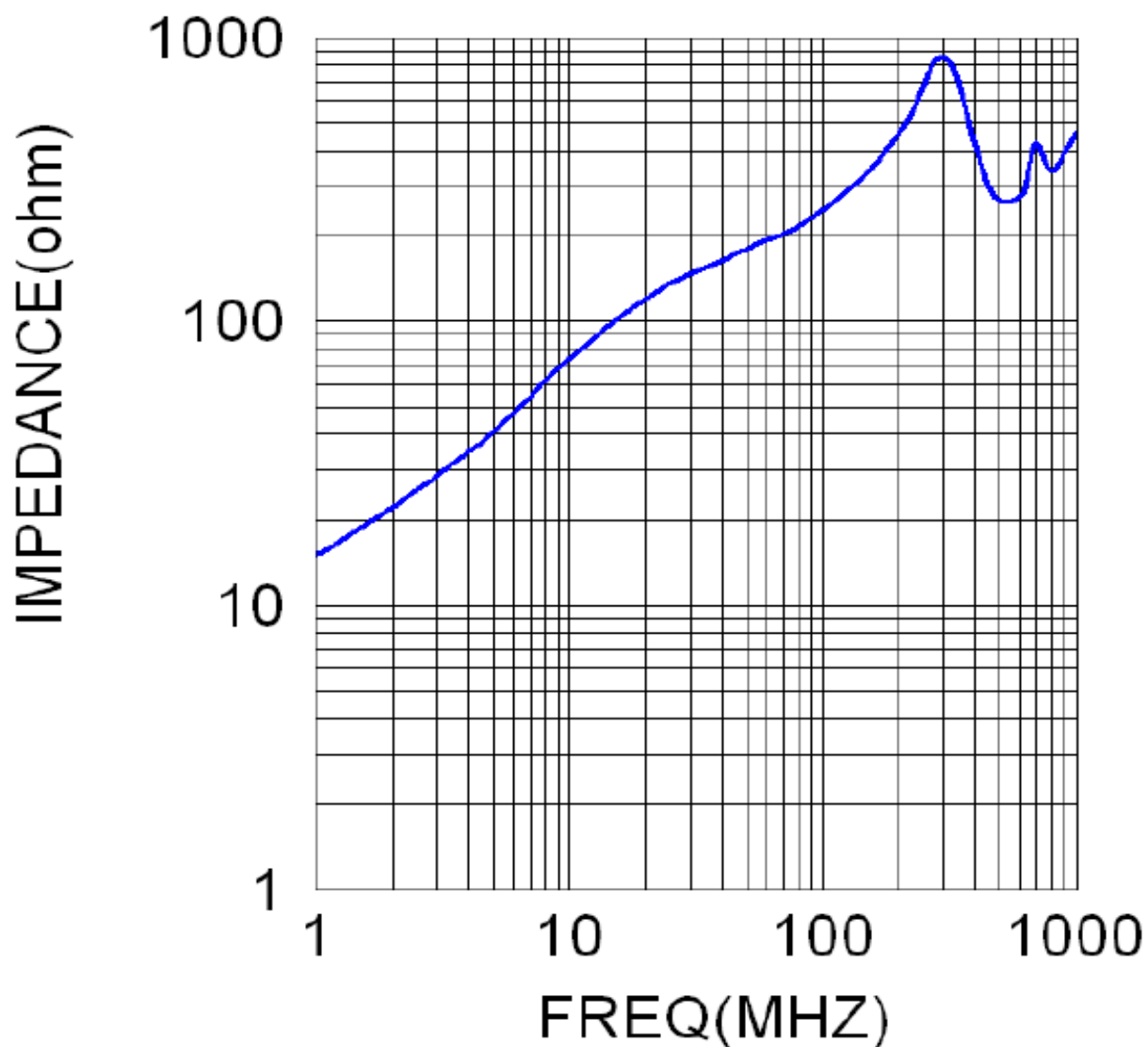
Electric Characteristic	Dimensions
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	Z1 (Ω)	Z2 (Ω)	AL (nH)	L (μH)	Q	IDC	DCR	A	B	C	D	E	F	H	Look
SPEC	140 ±25%	240 ±25%						10.50 ±0.5		5.50 ±0.3	28.50 ±0.8				Limited
1	136.0	246.0						10.52		5.62	28.57				OK
2	136.0	246.0						10.50		5.61	28.63				
3	137.0	245.0						10.53		5.61	28.68				
4	136.0	246.0						10.54		5.62	28.65				
5	137.0	246.0						10.52		5.61	28.65				
6															
7															
8															
9															
10															
X	136.4	245.8						10.52		5.61	28.64				
R	1.00	1.00						0.04		0.01	0.11				↓

Approval	OK	NG													
	V		Checked TONY Drawm JEAN												

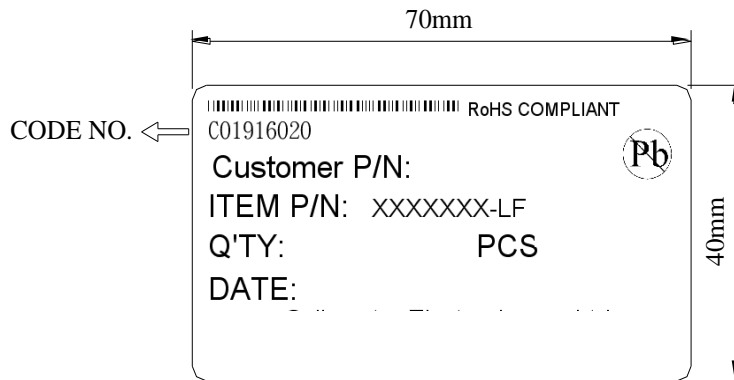
PRODUCT	C4S RH 10.5x28.5x5.5-LF	COIL SPECIFICATION	DATE	2017/6/21
SPEC.NO.	A-0232-131(00)		CODE NO.	A00232131

IMPEDANCE VS FREQUENCY CURVE



PRODUCT	C4S RH 10.5x28.5x5.5-LF	COIL SPECIFICATION	DATE	2017/6/21
SPEC.NO.	A-0232-131(00)		CODE NO.	A00232131

TABLE :



INNER BOX LABEL



OUT BOX LABEL

PRODUCT	C4S RH 10.5x28.5x5.5-LF	COIL SPECIFICATION	DATE	2022/5/24
SPEC.NO.	A-0232-131(00)		CODE NO.	A00232131

Cautions and Warnings :

1. All of the components are manufactured, designed, and promoted for applying in general electronics devices, for the specific area such as automotive, medical, military and aerospace except for general electronic devices, BEC Distribution must be asked for written approval before incorporating the components into these areas.
2. The components that will be used in high-reliability / high level of safety applications should be pre-evaluated by the end customer. Especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health. The customer shall be responsible for evaluating and confirming the product is suitable for use in customer's applications.
3. Customer must be cautioned to verify that data sheets are the updated ones before placing orders. In the individual cases, any trouble or failure of electronic components happens during their long span cannot be eliminated even follow the instruction with existing technology.
4. Washing / Cleaning process may jeopardize the product and cause the defect. Washing agents may harm the long-term functionality of the product
5. The storage period should not be longer than 12 months (In the specific storage environment). The oxidization may happen on the terminals. Hence all the products shall be used within 12 months after the shipping date. If the time is over 12 months, please check the solderability before use it.
6. Products should not be kept in unsuitable storage conditions, such as areas susceptible to high humidity, high temperatures, dust or corrosion.
7. Don't touch electrodes directly with bare hands as oil secretions may inhibit soldering. Always ensure optimum conditions for soldering.
8. Don't bend the terminals or subject them to excessive stress.
9. Please ensure that all terminals and case lugs are completely fixed with solder onto PCB
10. Ensure the tuning slug or cap is not fixed by solder flux during the production process.
11. Avoid placing coils near the edge of the PCB
12. Don't touch any exposed winding part and avoid coming into contact with the guide of the electrode in automatic mounting
13. The inductor / coil / common mode choke generates heat when current is applied. Please take care of this during the design.
14. Always handle the product with care to prevent the damage.
15. Our specification specifies the quality of the component as a single unit. Please ensure the component is thoroughly evaluated in your application circuit. Even for customized products, conclusive validation of the component in the circuit can only be carried out by customer.
16. The general testing condition is in the room temperature 25 +/- 5°C and humidity under 65% RH, which is applied to all products.
17. If have any query, please feel free to contact our sales department.