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Spezifikation für Freigabe / specification for release

Kunde / customer : _____

Artikelnummer / part number : **744760262C** LF

Bezeichnung : **Keramik-SMD-Induktivität WE-KI**

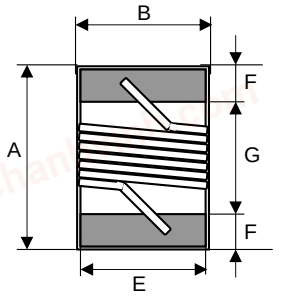
description : **Ceramic-SMD-Inductor WE-KI**

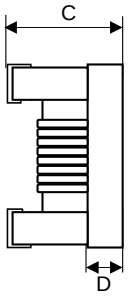
compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2006-08-10

A Mechanische Abmessungen / dimensions:



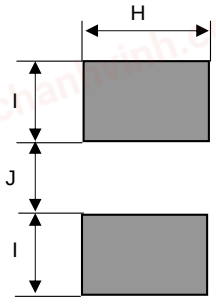


	Größe / size 0805C	
A	**2,28±0,2**	mm
B	**1,70±0,2**	mm
C	**1,28±0,2**	mm
D	**0,50 ref**	mm
E	**1,27 ref**	mm
F	**0,51 ref**	mm
G	**1,02 ref**	mm
H	**1,78 ref**	mm
I	**1,02 ref**	mm
J	**0,76 ref**	mm

B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**25 MHz**	L	**620**	nH	**±5%**
Güte Q / Q factor	**50 MHz**	Q	**23**		**min.**
DC-Widerstand / DC-resistance		R_{DC}	**2,7**	Ω	**max.**
Nennstrom / rated current	**ΔT = 15 K**	I_{DC}	**400**	mA	**max.**
Eigenres.-Frequenz / self-res.-frequency		SRF	**188**	MHz	**min.**

C Lötpad / soldering spec.:



D Prüfgeräte / test equipment:

Agilent 4287A +HP 16193A für/for L und/and Q

HP 4338B für/for R_{DC}

HP 4285A + 42841A + 42842C + 42851 - 6110 für/for I_{DC}

ENA 5071B für/for SRF

E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+20°C

F Werkstoffe & Zulassungen / material & approvals

Basismaterial / base material:	Keramik/ ceramic
Kontaktmaterial/ contact plating	Mo/Mn + Ni + Au

G Eigenschaften / general specifications:

Lagerbedingungen / Storage conditions:	-10°C ~ +40 °C 30 ~70 % RH
Betriebstemperatur / operating temperature:	-40°C - +125°C

Freigabe erteilt / general release:

Kunde / customer				
Datum / date	Unterschrift / signature			
Würth Elektronik				
		Skle	Version 1	06-08-10
Geprüft / checked	Kontrolliert / approved	Name	**Änderung / modification**	Datum / date

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of 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 must be informed 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.

Würth Elektronik eiSos GmbH & Co. KG

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