Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **74476610**

LF

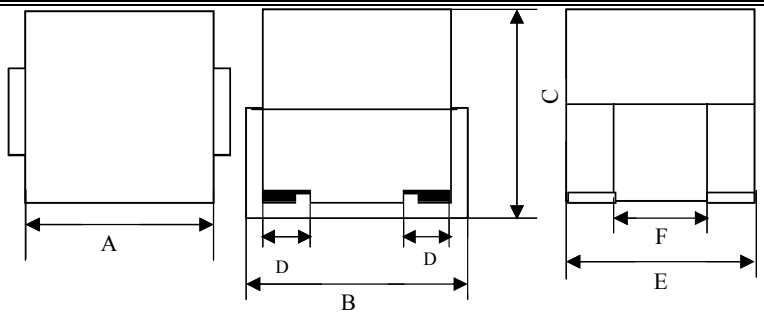
RoHS compliant

Bezeichnung : **SMD-HF-Entstördrossel WE-GF**

description : **SMD-RF-Choke WE-GF**

DATUM / DATE : 2004-10-11

A Mechanische Abmessungen / dimensions :



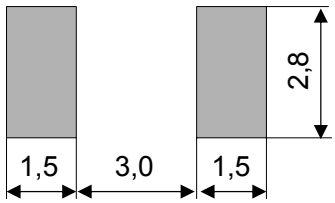
	Typ / Type L	
A	**4,2 ± 0,2**	mm
B	**4,5 ± 0,3**	mm
C	**3,2 ± 0,4**	mm
D	**1,0 ref.**	mm
E	**3,2 ± 0,2**	mm
F	**1,2**	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**2,52 MHz**	L	**10,00**	µH	**±10%**
Güte Q / Q factor	**2,52 MHz**	Q	**50**		**min.**
DC-Widerstand / DC-resistance		R_{DC}	**1,60**	Ω	**max.**
Nennstrom / rated current		I_{DC}	**250**	mA	**max.**
Eigenres.-Frequenz / self-res.-fequency		SRF	**20**	MHz	**typ.**

C Lötpad / soldering spec. :

[mm]



D Prüfgeräte / test equipment :

HP 4291 B für/for L und/and Q

HP 4338 B für/for R_{DC}

HP 4284 A für/for I_{DC}

HP 8722 D für/for SRF

E Testbedingungen / test conditions :

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

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material:	Ferrit / ferrite
Anschlusspad/ Terminal	Cu/Sn
Gehäuse/ Housing	UL94-V0

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - + 105°C

Umgebungstemp. / ambient temperature: -40°C - + 85°C

It is recommended that the temperature of the part does not exceed 105°C under worst case operating conditions.

Freigabe erteilt / general release:

Kunde / customer	Würth Elektronik
Datum / date	Unterschrift / signature
Geprüft / checked	Kontrolliert / approved

Name	Änderung / modification	Datum / date
MST	Version 4	04-10-11
AG/LF/MST	Version 3	03-12-04
MST	Version 2	02-03-27
JH	Version 1	00-12-06

This electronic component is designed and developed with the intention for use in general electronics equipments. Before incorporating the components into any equipments in the field such as 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 or if there is possibility of direct damage or injury to human body. In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before use. It is essential to give consideration when to install a protective circuit at the design stage.

Würth Elektronik eiSos GmbH & Co. KG

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