



SPECIFICATION FOR APPROVAL

Description : **Line Filter**

Type : **UU16 VER**

Model : **2x30mH (1.2A)**

Customer : **ALKATEL**

Customer code :

EL-KOM code : **RN031651**

First edition date : **31.10.2011**

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<i>Approved by :</i>	<i>Customer's remark</i>
<i>Approved date :</i>	

<i>Rev.No:</i> 1	<i>Rev.date:</i> 19.09.2017	<i>Reason of rev.:</i>
<i>Issued by:</i> MUSTAFA KARAARSLAN	<i>Refer. No:</i> SP031651	<i>Page :</i> 1 / 2
Her hakkı saklıdır. Yazılı izin olmadan bu dökümanın hiç bir kısmı kopya, kayıt, basım veya diğer herhangi bir şekilde çoğaltılamaz ve yayınlanamaz.		All rights reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietors.

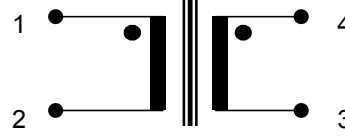
1. General information

- 1.1 Flammability level..... UL 94V-0
1.2 Solderability..... Acc. to IEC 60317 20 (Method 1)
1.3 Temperature class..... 155°C (F class)

2. Electrical data

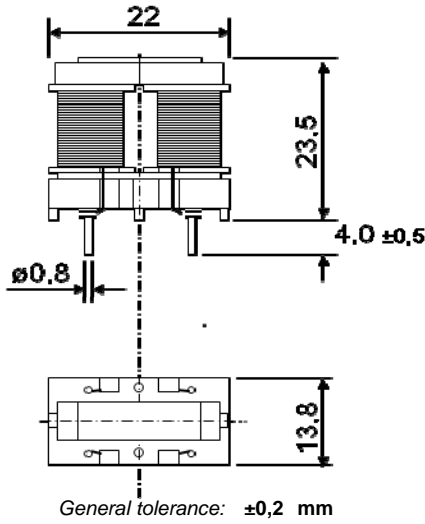
- 2.1 Inductance..... L = **30,0** mH (-20%, +50%)
2.2 Resistance..... R = **0,50** Ω \pm 12%
2.3 Inductance (leakage).... L_o= **400** μ H (max.)
2.4 Nom.current (rms)..... I_r = **1,2** A
- 2.5 Between windings, between winding and core :
Withstanding voltage..... 1 500 Vac (5mA / 1min)
Insulation resistance..... 100 M Ω (min)

2.6 Circuit diagram

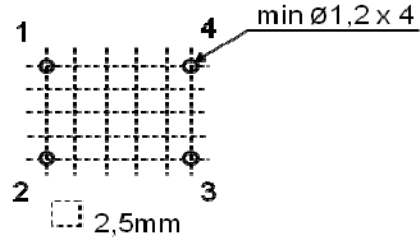


3. Mechanical Data

3.1 Drawing



3.2 Pin configuration (Bottom view)



3.3 Marking (Vestel code)

4. Material list

Nr	Designation	Reference	Material	Supplier	Standart & certification
1.	Ferrite Core	UU16	F10K	Ferrics, TDG	
2.	Coil Former	PBT / PA66	Valox Resin 771 (20%)	Sabic Inn. Plastics	UL 94V-0 E45329
			Valox 420SEO (30%) Glass	BASF/Germany	
			Badamid A702 GF25FR HF	BADA	UL 94V-0 E189230
3.	Terminals	Ø 0,80 mm	Tinned steel	Neumayer/Aust.	
4.	Winding Wire	Ø 0,35 mm	Enamelled Cu wire Grade 2 (class F)	BEMKA / TR	IEC 317.20 - 155°C E214939
				ELSAN / TR	IEC 317.20 - 155°C E255643
				EMTEL / TR	IEC 317.20 - 155°C E336772
5.	Adhesive for ferrite		Agomet F300(orF305) Hardener laquer 2	Röhm - Degussa	
			Multibont 330 Activator738	Loctite	
6.	Solder		Sn-97% / Cu-3%%		