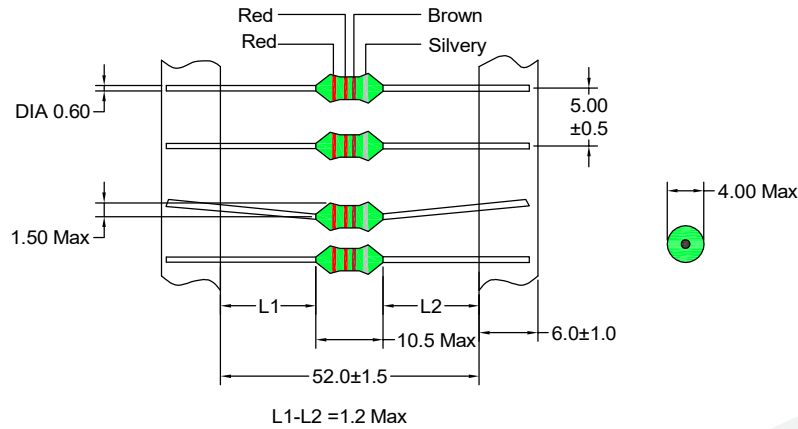


P/N: FALGA0410-221K-T52



Outline Dimensions(Unit:mm)



***Storage temperature(Packing status):-25~+40°C
 ***temperature(Component itself):-25~+85°C
 ***Storage Humidity:30~70%RH

Electrical Characteristics(at 25°C)

No.	Items	Specification	Measuring point	Test condition	Apparatus
1	Inductance	L0A	220uH ±10%	0.796MHz	HP-4285A
2	Q value		55 Min	0.796MHz	HP-4285A
3	DC Resistance	R	5.10 ohms Max		TH2512B WK6221A
4	Isat	L@0.155A	L0*90%	1KHz/1V	TH2829A

Material list

Part Name	SPEC	Material Type	Supplier	UL Number
Core	DRWW3*6	NiZn	Jiacheng or Equivalent supplier	N/A
Copper Wire	2UEW-F	155°C	Changzhou Dayang Wire & Cable Co Ltd	E158909
Epoxy Paint	DGT-1(green)		Fu Xin or Equivalent supplier	N/A
Epoxy Paint	FK661		QI fu or Equivalent supplier	N/A

Recommended solderability temperature profile.



	Standard Profile	Standard Profile
Pre-heating	150~180°C,90s±30s	
Heating	above 220°C,30s-60s	above 240°C,30s Max
Peak temperature	245°C±3°C	260°C,10s
Cycle of reflow	2 times	2 times

Cautions and Warnings

提醒及警告



4. Please take the thermal design into consideration when choosing appropriate product, because the coil generates heat when electric current is applied.

(工作时电流通过绕组会产生一定的热量,在选用试请做散热设计之考量.)

5. Please don't use products in a place with dewing. Please be careful when products is applied in a sealed condition since dewing would happen due to temperature change.

(请避免在结露的环境下使用,在密闭环境中,由于温度的变化会导致结露,使用时请注意.)

6. Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

(请小心轻拿轻放,避免由于产品的跌落或取出不当而导致的损坏.)

7. Don't touch electrodes directly with bare hands since oil secretions may do harm to solderability.

(手上有油脂可能导致可焊性下降,请避免手直接接触端子.)

8. Don't bend the terminals with excessive stress in case of any wire fracture.

(端子过度弯曲会导致断线,请不要过度弯曲端子.)

9. Please ensure that all terminals and case lugs are completely fixed onto PCB by soldering, and avoid placing coils near the edge of the PCB.

(请确保所有端子和胶壳足完全焊接到印刷电路板上,尽量避免产品放在印刷电路板边缘.)

10. Don't rinse coils by yourself and please contact FUAN if necessary.

(不要清洗产品,如需要清洗时请联系我司.)



11. Since our SMD coils are designed for automatic mounting, please be careful when soldering manually. Please don't touch any exposed winding part and coil should not be used guiding by electrode in automatic mounting.

(由于表面贴装件都是以自动安装为基准设计,手动焊锡时请注意.产品自动安装,请避免接触卷线露出的部分.另外,不能将端子作为导向使用.)

12. Our specification specifies the quality of the component as a single unit. Please ensure the component is thoroughly evaluated in your application circuit.

(本公司的规格书中只规定了产品的品质,在贵司使用中,请务必确认安装在贵公司产品的状态.)



13. When using our high voltage inverter transformers, please place it 2mm away from other electric conductors.

(对于产品高压的逆变变压器,在使用设计时要注意其他导体要离逆变器2mm以上.)

				Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133	 Tolerances unless otherwise specified: (X)±0.50 (XX)±0.25 Unit of measurement: mm	Make: Qiumei.Liu Checked: Beson. zhan Approved: Anson. zhan	DRAWING TITLE CAUTIONS AND WARNINGS Material Number:	Customer Name: Document/Rev: Specification Sheet: Date of Recognition:
REV	DESCRIPTION	APPD	DATE					

