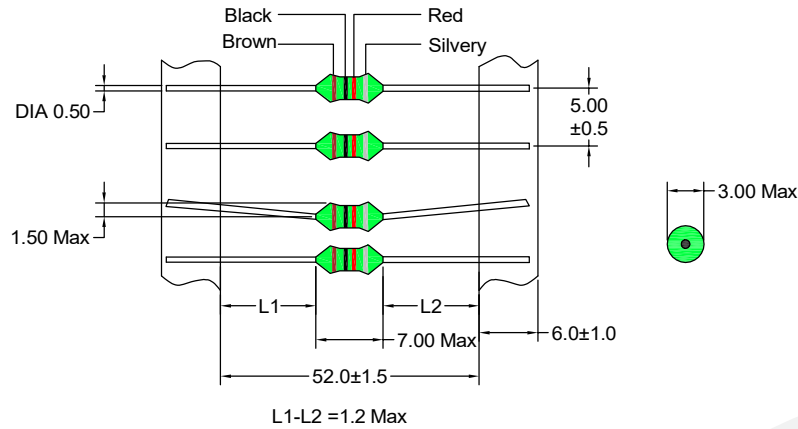


P/N: FALGA0307-102K-T52



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	1000uH ±10%	0.796MHz	HP-4285A
2	Q value		50 Min	0.796MHz	HP-4285A
3	DC Resistance	R	33.0 ohms Max		TH2512B WK6221A
4	Isat	L@0.040A	L0*90%	1KHz/1V	TH2829A

Material list

Part Name	SPEC	Material Type	Supplier	UL Number
Core	DRWW2.3*4	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