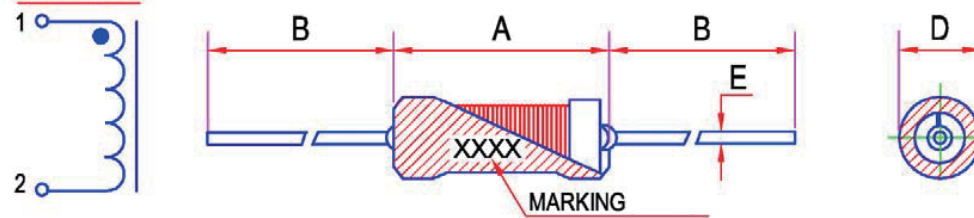


Date	Rev.	Description

1.Mechanical Dimension:

SCHEMATIC



Item	Spec.(mm)	Typ.(mm)	Item	Spec.(mm)	Typ.(mm)
A	16.5 MAX	13.75	F		
B	38.0 +- 3.0	39.20	G		
C			H		
D	6.8 MAX	5.40	I		
E	0.8 +- 0.05	0.80	J		

Notes:

Marking : 102K

- 1.Radially bent to 5 mm Lead spacing.
- 2.The product terminal electrode tin coating covers an area of >95%

2. Electrical Characteristics (at 25degC / RH 65% unless otherwise specified):

Test Item	Specifications	Test conditions	Typ.	Test Instrument
L	1.0mH +- 10%	@1KHz 0.25V	1.01mH	Agilent4284A
DCR	2.30Ω MAX		1.85Ω	ChenHwa502
I sat.	0.4A MAX			Agilent4284A
Turns	235Ts (REF)			
Ope.Temp.	-20 TO 105℃			Testo608-H2
Weight	1.66g/pcs			

Notes :

- 1.Temperature Rise Current(Irms):The current when temperature of coil increase up to max. 40Deg.(Ta=20Deg.)
- 2.Operating temperature:-25 to 125 Deg.
- 3.Above definition are general standards for the designing of the inductor, The definition of specification shall prevail if there is any discrepancy with the definition of specification.

DCC. NO.

A4 DRAWING NO.

GOLDSUN ELECTRONICS CO., LTD.

PART NO. **GVC0513-102K-UL** Rev. 1

Description :

UNIT mm SCALE SHEET 1 OF 1 CAS No: ERN No:

DRAWN : Jay

VERIFY : Arthur / Sam