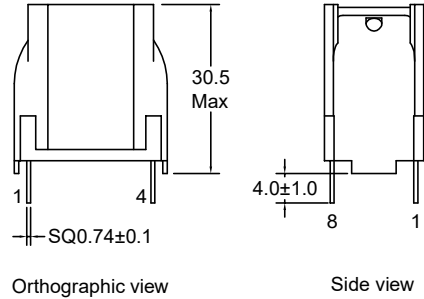


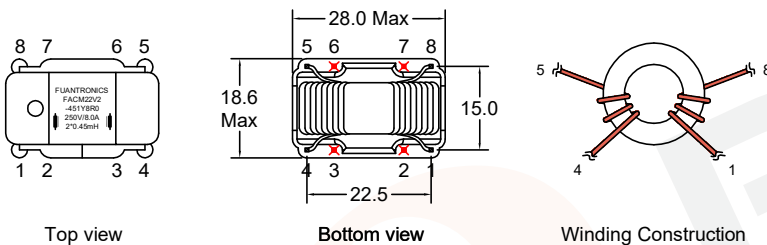


Outline Dimensions(Unit:mm)



Orthographic view

Side view



Top view

Bottom view

Winding Construction

Remarks:

1. Remove pin2,3,6,7.

Electrical Characteristics(at 25°C)

Inductance : L1-8=4-5= 0.45mH +50%/-30%,at 10KHZ,0.1V.

Leakage Inductance: L1-8&4-5= 5uH Typ.

Rated current: 8.00Amps.

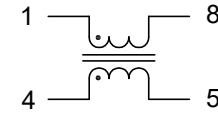
D.C.Resistance : 1-8= 0.011 ohms Typ.

4-5= 0.011 ohms Typ.

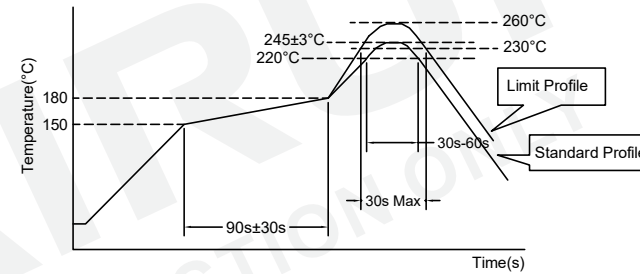
Turns Ratio : Coil:Coil= 1:1±2%,at 20KHZ,1V.

Hipot : Coil-Coil : 1500VAC/5mA/2Second.

Electronical Schematic



Recommended Soldering Temperature Graph.



	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

List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Case	EB16-003/PA66(orange)	Zhejiang Juner New Materials Co Ltd	E204321
Copper wire	2UEW-F/155C	Elektrisola Hangzhou Co Ltd	E258243
Core	Ferrite core(orange)	Su Zhou Tian Ming Magnetic	N/A
Epoxy	808A-R-B(red soft glue)	Dong Guan Shi Pai Hua Chuang Material Fty	E304477
Spacer	1.50mm/FR-4	Kingboard Laminates Holdings Ltd	E123995