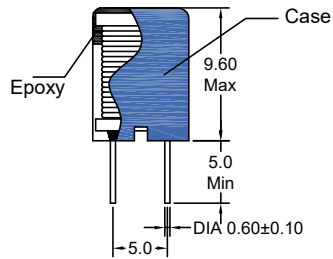


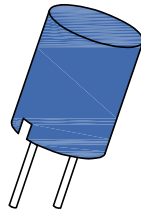
P/N: FALGB0809C-6R8M



Outline Dimensions(Unit:mm)



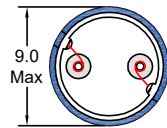
Orthographic view



Stereogram

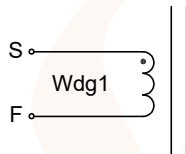


Top view



Bottom view

Electrical Schematic



Electrical Characteristics(@25°C)

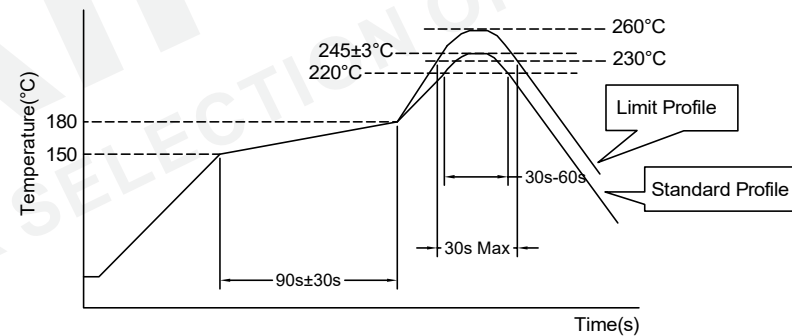
Inductance 1KHz,0.1V S-F	DC Resistor S-F	Rated Current
6.80uH±20%	0.023Ω Max	2600mA

***Operating Temperature: -40°C~+105°C.
(Temperature rise included)
***Storage Temperature : -40°C~+105°C.
***Storage Humidity:RH10%~70%.

Material list

Part Name	SPEC	Material Type	Supplier	UL Number
Core	DR2W7*8 (B=3.0)	NiZn	Zhongshan Jiaxin Electronic Co Ltd	N/A
Case	TL0809C	PBT3116	E I Dupont De Nemours & Co Inc	E41938
Copper Wire	2UEW-F	155°C	Elektrisola Hangzhou Co Ltd	E258243
Epoxy	3300A/B		DongGuan Eatto Electronic Material Co Ltd	E218090

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	

REV	DESCRIPTION	APPD	DATE	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 THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTORS Material Number: A330809CS030	Customer Name: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Mar./17/2020
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