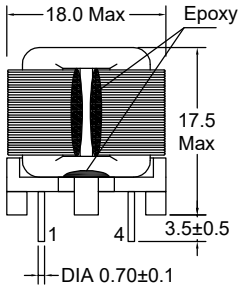
P/N: FACCF12V-123Y

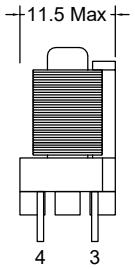
RoHS

PAIRUI
www.fuantronics.net

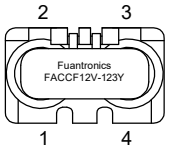
Outline Dimensions(Unit:mm)



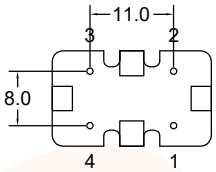
Orthographic view



Side view



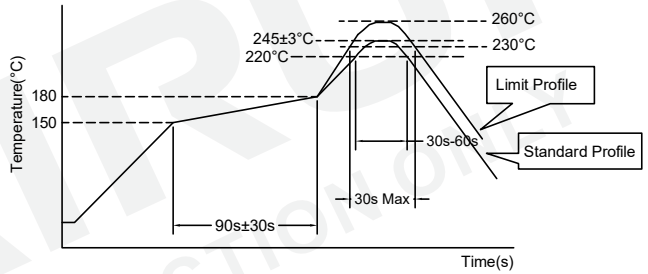
Top view



Bottom view

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

Electrical Characteristics(at 20°C)

Inductance : L1-2=4-3= 12.2mH±35%,at 100KHz,0.3V.
Inductance balance : L(1-2)-(4-3)= 500uH Max,at 100KHz,0.3V.
D.C.Resistance : 1-2= 0.135 ohms±35%.
4-3= 0.135 ohms±35%.
Turns Ratio : Wdg1:Wdg2= 1:1±2%,at 20KHz,1V.
Hipot : Pri-Sec : 1500VAC/5mA/2Second.
Insulation Resistance: Wdg1:Wdg2= DC500V 100MΩ Min

List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Base	SQ12/T375HF	Chang Chun Plastics Co Ltd	E59481
Copper wire	SFT-UEW-H	Ningbo Jintian New Material Co Ltd	E227047
Core	SQ1212-H12K	ShanDong HengRui Magnet Technology Co Ltd	N/A
Epoxy	E-500	DongGuan Eatto Electronic Material Co Ltd	E218090

***Weight:Approx 5.5g.

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
CCF12V Current-compensated frame core double chokes

Material Number: A24CCF12B000

Customer P/N:
Document/Rev: 2006060/00
Specification Sheet: 1 of 1
Date of Recognition: June./22/2020