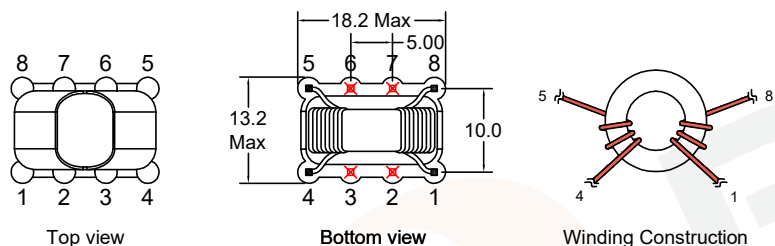
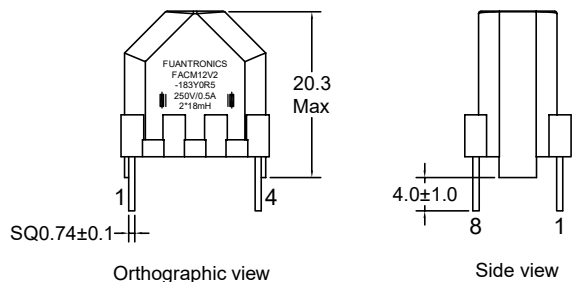


P/N: FACM12V2-183Y0R5

RoHS

Outline Dimensions(Unit:mm)



Remarks:

1. Remove pin2,3,6,7.

Electrical Characteristics(at 25°C)

Inductance : L1-8=4-5= 18mH +50%/-30%,at 10KHz,0.1V.

Leakage Inductance: L1-8&4-5= 250uH Typ.

Rated current: 0.5Amps.

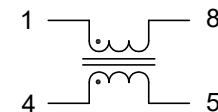
D.C.Resistance : 1-8= 1.10 ohms Typ.

4-5= 1.10 ohms Typ.

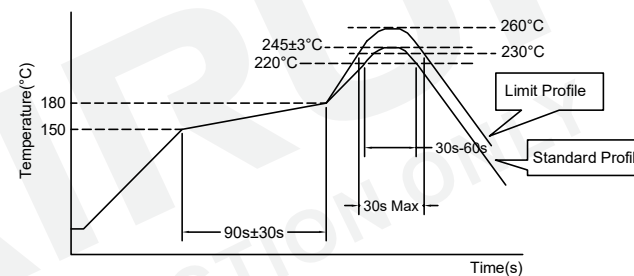
Turns Ratio : Coil:Coil= 1:1±2%,at 20KHz,1V.

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

Electronical Schematic



Recommended Soldering Temperature Graph.

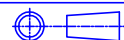


	Standard Profile	Standard Profile
Pre-heating	150~180°C,90s±30s	
Heating	above 220°C,30s-60s	above 240°C,30s Max
Peak temperature	245°C±3°C	260°C,10s
Cycle of reflow	2 times	2 times

List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Case	EB16-001/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	0.50mm/FR-4	Kingboard Laminates Holdings Ltd	E123995

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
CURRENT-COMPENSATED RING
CORE DOUBLE CHOKES

Material Number: A31CM012S160

Customer P/N:

Document/Rev: 00

Specification Sheet: 1 of 1

Date of Recognition: Jan./02/2020

REV	DESCRIPTION	APPD	DATE
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