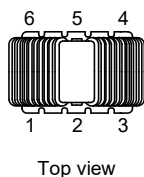
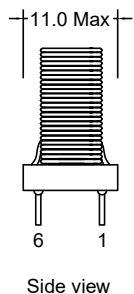
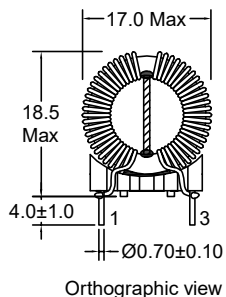


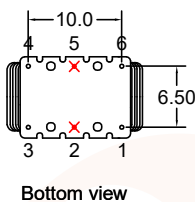
P/N: FACM14BV-392Y1R5



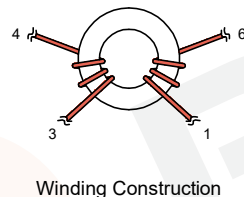
Outline Dimensions(Unit:mm)



Top view



Bottom view

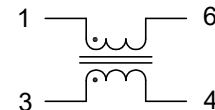


Winding Construction

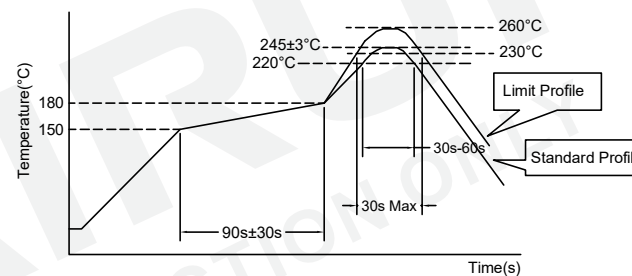
Remarks:

- Remove pin2,5.

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 | |

Electrical Characteristics(at 25°C)

Inductance : L1-6=3-4= 3.9mH Min, at 10KHz, 0.1V.

Rated current: 1.50Amps.

D.C. Resistance : 1-6= 0.100 ohms Typ.

3-4= 0.100 ohms Typ.

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

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

List of UL Certificate:

| Part Name | Mat'l Description | Supplier | UL Number |
|-------------|---------------------|---|-----------|
| Base | Base-018/T375J | Chang Chun Plastics Co Ltd | E59481 |
| Copper wire | 2UEW-F/155C | Elektrisola Hangzhou Co Ltd | E258243 |
| Core | Ferrite core(Green) | Su Zhou Tian Ming Magnetic | N/A |
| Epoxy | E-500 | DongGuan Eatto Electronic Material Co Ltd | E218090 |
| Spacer | 1.50mm/FR-4 | Kingboard Laminates Holdings Ltd | E123995 |

| | | | | | | | | |
|-----|-------------|------|------|---|---|---|---|---|
| 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 CURRENT-COMPENSATED RING CORE DOUBLE CHOKES Material Number: A31CM014S050 | Customer P/N: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Jan./02/2020 |
|-----|-------------|------|------|---|---|---|---|---|