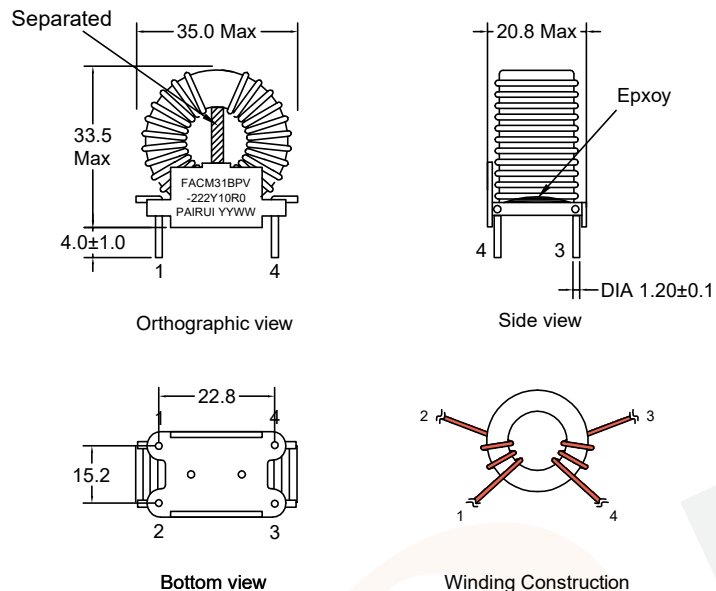


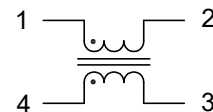
P/N: FACM31BPV-222Y10R0

ROHS

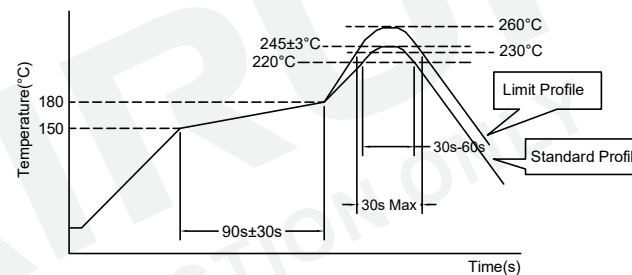
Outline Dimensions(Unit:mm)



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 : L1-2=4-3= 2.2mH Min, at 10KHz, 0.1V.
 Rated current: 10.0Amps.
 D.C. Resistance : 1-2= 0.010 ohms Max.
 4-3= 0.010 ohms Max.
 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 |
|-------------|---------------------|---|-----------|
| Case | EB13-003/PBT(White) | Chang Chun Plastics Co Ltd | E59481 |
| Copper wire | 1PEW-H/180C | Elektrisola Hangzhou Co Ltd | E258243 |
| Core | Ferrite core(Green) | Su Zhou Tian Ming Magnetic | N/A |
| Epoxy | E-500 | Dong Guan Shi Pai Hua Chuang Material Fty | E304477 |
| Spacer | 2.00mm/FR-4 | Kingboard Laminates Holdings Ltd | E123995 |

| | | | | | | | | |
|-----|-------------|------|------|---|--|---|---|---|
| | | | | Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133 | | Make: Qiumei.Liu Checked: Beson. zhan Approved: Anson. zhan | DRAWING TITLE CURRENT-COMPENSATED RING CORE DOUBLE CHOKES Material Number: A31CM031S060 | Customer P/N: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Jan./02/2020 |
| REV | DESCRIPTION | APPD | DATE | | Tolerances unless otherwise specified: (.X)±0.50 (XX)±0.25 Unit of measurement: mm | | | |