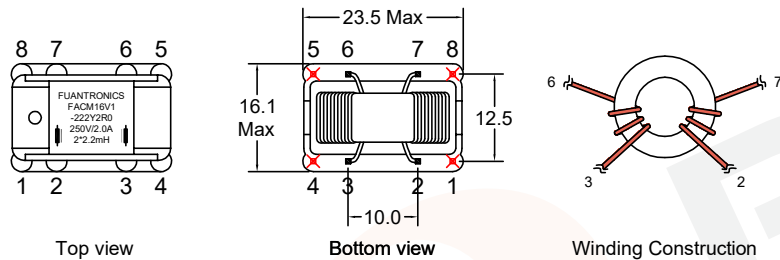
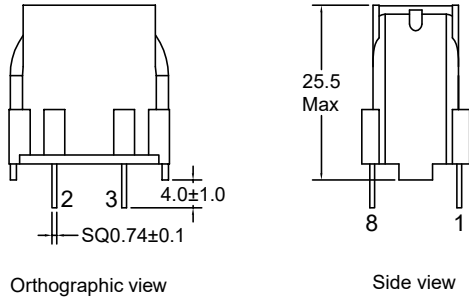


P/N: FACM16V1-222Y2R0



Outline Dimensions(Unit:mm)

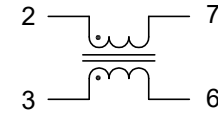


Remarks:
1. Remove pin1,4,5,8.

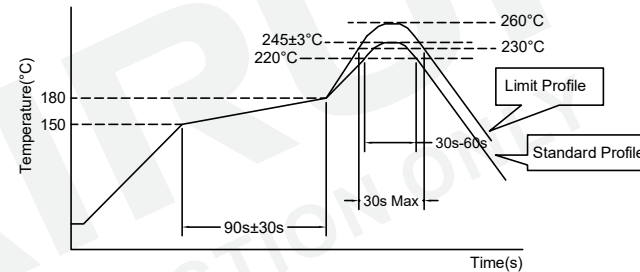
Electrical Characteristics(at 25°C)

Inductance : L2-7=3-6= 2.2mH +50%/-30%,at 10KHz,0.1V.
 Leakage Inductance: L2-7&3-6= 30uH Typ.
 Rated current: 2.00Amps.
 D.C.Resistance : 2-7= 0.130 ohms Typ.
 3-6= 0.130 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 | |

List of UL Certificate:

| Part Name | Mat'l Description | Supplier | UL Number |
|-------------|-------------------------|---|-----------|
| Case | EB16-002/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 | 1.00mm/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: A31CM016S110 | 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 | | | |