# P/N: FACM22V1-272Y4R0

RoHS

PAIRUI
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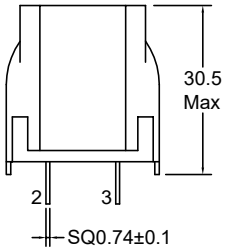
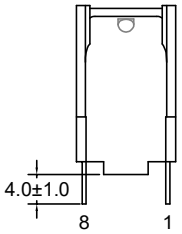
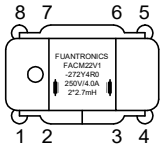
## Outline Dimensions(Unit:mm)



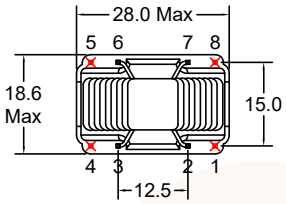

Orthographic view



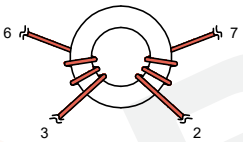

Side view




Top view



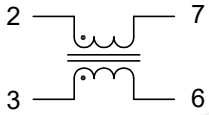

**Bottom view**



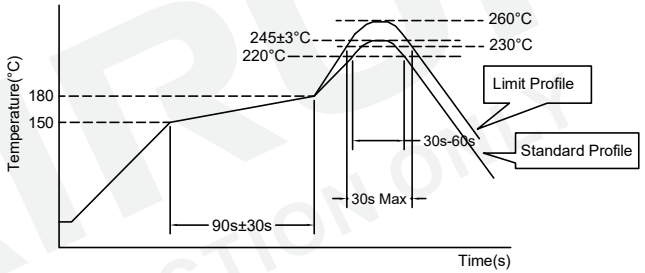

Winding Construction

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

## 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 25°C)

Inductance : L2-7=3-6= 2.7mH +50%/-30%,at 10KHz,0.1V.
Leakage Inductance: L2-7&3-6= 30uH Typ.
Rated current: 4.00Amps.
D.C.Resistance : 2-7= 0.060 ohms Typ.
3-6= 0.060 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 |
|---|---|---|---|
| Case | EB16-003/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 | 1.50mm/FR-4 | Kingboard Laminates Holdings Ltd | E123995 |

| REV | DESCRIPTION | APPD | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |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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: A31CM022S060

Customer P/N:
Document/Rev: 00
Specification Sheet: 1 of 1
Date of Recognition: Jan./02/2020

PAIRUI SIMPLE SPEC FOR SELECTION