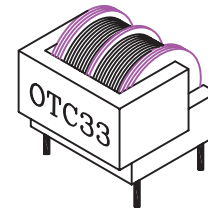


# OTC-33 EMI FILTER

## FAOTC33H series



### FEATURES

Rated Voltage :85 to 265VAC, 50/60Hz.  
 Insulation resistance: 100MΩ Min at 500Vdc.  
 Turns ratio: N1:N2=1:1±2%.  
 Test Frequency Response: 20KHz/0.1V.  
 Withstanding Voltage: 1.5KVAC wind to core, line to line.  
 Operating temperature range: -40°C to +105°C.  
 All parts meet ROHS compliance.

### PRODUCT IDENTIFICATION:

FA OTC 33 H - 2 - 702 Y 8R0  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ①:Fuan Electronics
- ②:Series name
- ③:Product dimensions
- ④:V is to the vertical form, H is to the horizontal form
- ⑤:Trunking
- ⑥:Inductance Value
- ⑦:Minimum Value
- ⑧:Rated current

### ELECTRICAL CHARACTERISTICS

#### REFERENCE RATING(2 GROOVES BOBBIN)

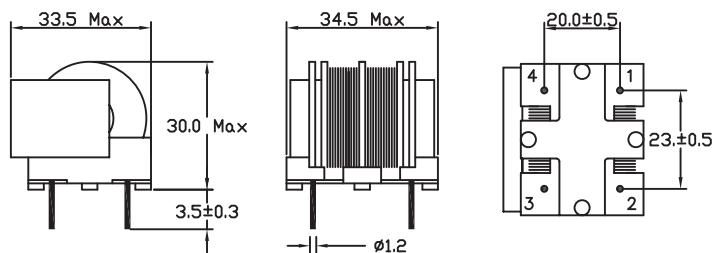
Part Number	Inductance (L)mH Min	D.C.R. mOHM Max.	Rate Current Amp(ac)REF	Wire DIA.φ (mm)
FAOTC33H-2-702Y8R0	7.0	30	8.0	1.20
FAOTC33H-2-103Y6R9	10.0	40	6.9	1.10
FAOTC33H-2-133Y5R8	13.0	60	5.8	1.00
FAOTC33H-2-173Y5R2	17.0	70	5.2	0.95
FAOTC33H-2-253Y4R7	25.0	100	4.7	0.90
FAOTC33H-2-403Y3R7	40.0	150	3.7	0.80

Special or custom-made specification is available by request

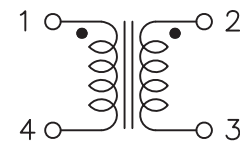
### TECHNICAL INFORMATION

#### DIMENSION IN mm

2 GROOVES BOBBIN:



### PHYSICAL CHARACTERISTICS



#### TOLERANCE

0 < L < 2	±0.2
2 < L < 12	±0.4
12 < L < 48	±0.6
Pin Pitch	±0.5
Pin Diameter	±0.2