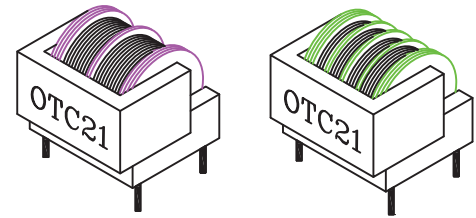


OTC-21 EMI FILTER

FAOTC21H 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 21 H1 - 2 - 152 Y 5R8
 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)
FAOTC21H1/H2-2-152Y5R8	1.5	25	5.80	1.00
FAOTC21H1/H2-2-202Y4R7	2.0	30	4.70	0.90
FAOTC21H1/H2-2-402Y3R7	4.0	50	3.70	0.80
FAOTC21H1/H2-2-902Y2R8	9.0	100	2.80	0.70
FAOTC21H1/H2-2-143Y2R1	14.0	170	2.10	0.60

REFERENCE RATING(4 GROOVES BOBBIN)

Part Number	Inductance (L)mH Min	D.C.R. mOHM Max.	Rate Current Amp(ac)REF	Wire DIA.φ (mm)
FAOTC21H1/H2-4-402Y2R8	4.0	70	2.80	0.70
FAOTC21H1/H2-4-552Y2R4	5.5	90	2.40	0.65
FAOTC21H1/H2-4-702Y2R1	7.0	130	2.10	0.60
FAOTC21H1/H2-4-113Y1R7	11.0	180	1.70	0.55
FAOTC21H1/H2-4-153Y1R4	15.0	240	1.40	0.50

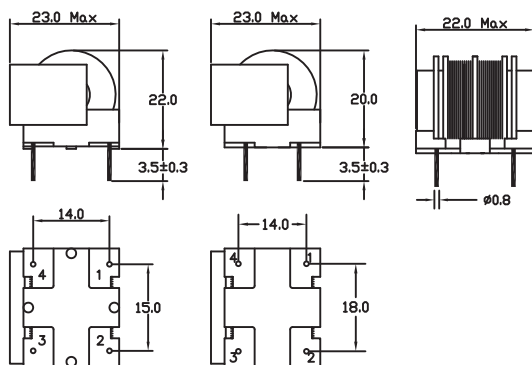
Special or custom-made specification is available by request

TECHNICAL INFORMATION

PHYSICAL CHARACTERISTICS

DIMENSION IN mm

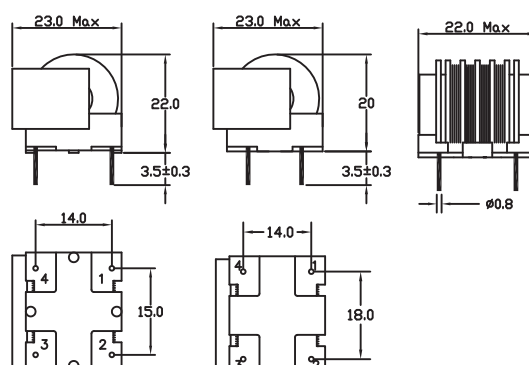
2 GROOVES BOBBIN:



H2

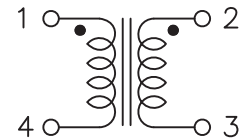
H1

4 GROOVES BOBBIN:



H2

H1



TOLERANCE

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