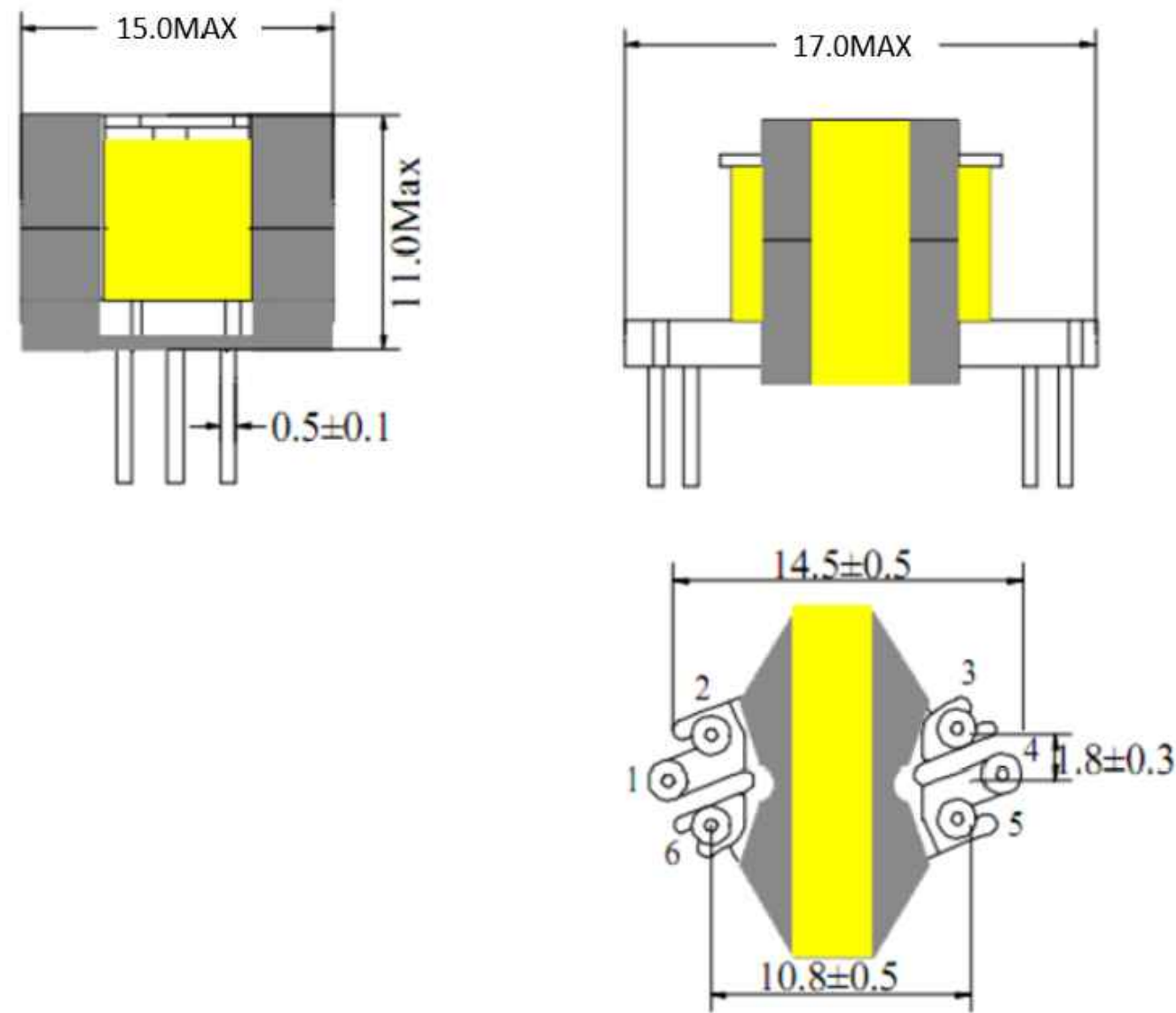
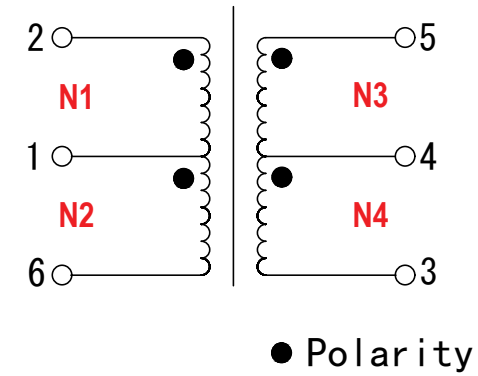


## 1. Mechanical Dimensions (mm) :



## 2. Schematic:



Item	Wire	Pin (S)	Pin (F)	Turns	Tape	Method
N1	2UEW/F $\phi 0.10\text{mm} \times 1\text{P}$	2	1	28	/	Tight
N2	2UEW/F $\phi 0.10\text{mm} \times 1\text{P}$	1	6	28	2	Tight
N3	2UEW/F $\phi 0.10\text{mm} \times 1\text{P}$	5	4	28	/	Tight
N4	2UEW/F $\phi 0.10\text{mm} \times 1\text{P}$	4	3	28	2	Tight

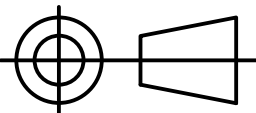

Core: RM5 TP5 (no gap) or equal

## 3. Electrical Specifications: @20°C

- 0CL: Pins (N1/N2/N3/N4) =  $950\mu\text{H} \pm 30\%$  @ 100kHz, 0.1V
- DCR: Pins (N1/N2/N3/N4) =  $0.8\Omega$  max
- Hipot: N1+N2 to N3+N4 0.5kVac 50Hz 3Seconds  
1mA Max, no flashover
- Turns ratio: N1:N2:N3:N4 = 28:28:28:28  $\pm 1\%$

### Notes:

- Product need to be impregnated with varnish
- Insulation system: Class B 130°C
- Storage temperature: -10°C to 40°C
- Operating temperature: -25°C to 125°C
- Electrical and mechanical specifications 100% tested
- RoHS compliant compatible

REV	DESCRIPTION	DATE	APPROVED	Title:	
				High Frequency Transformer	
				CUSTOMER P/N.	
				IKP P/N.	TF-RM050000-002R
A2	Updated	2019-05-22	Musk Yi	 THIRD ANGLE PROJECTION	
A1	Design	2019-04-16	Musk Yi		
REV	DESCRIPTION	DATE	APPROVED		

**PROPRIETARY**

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