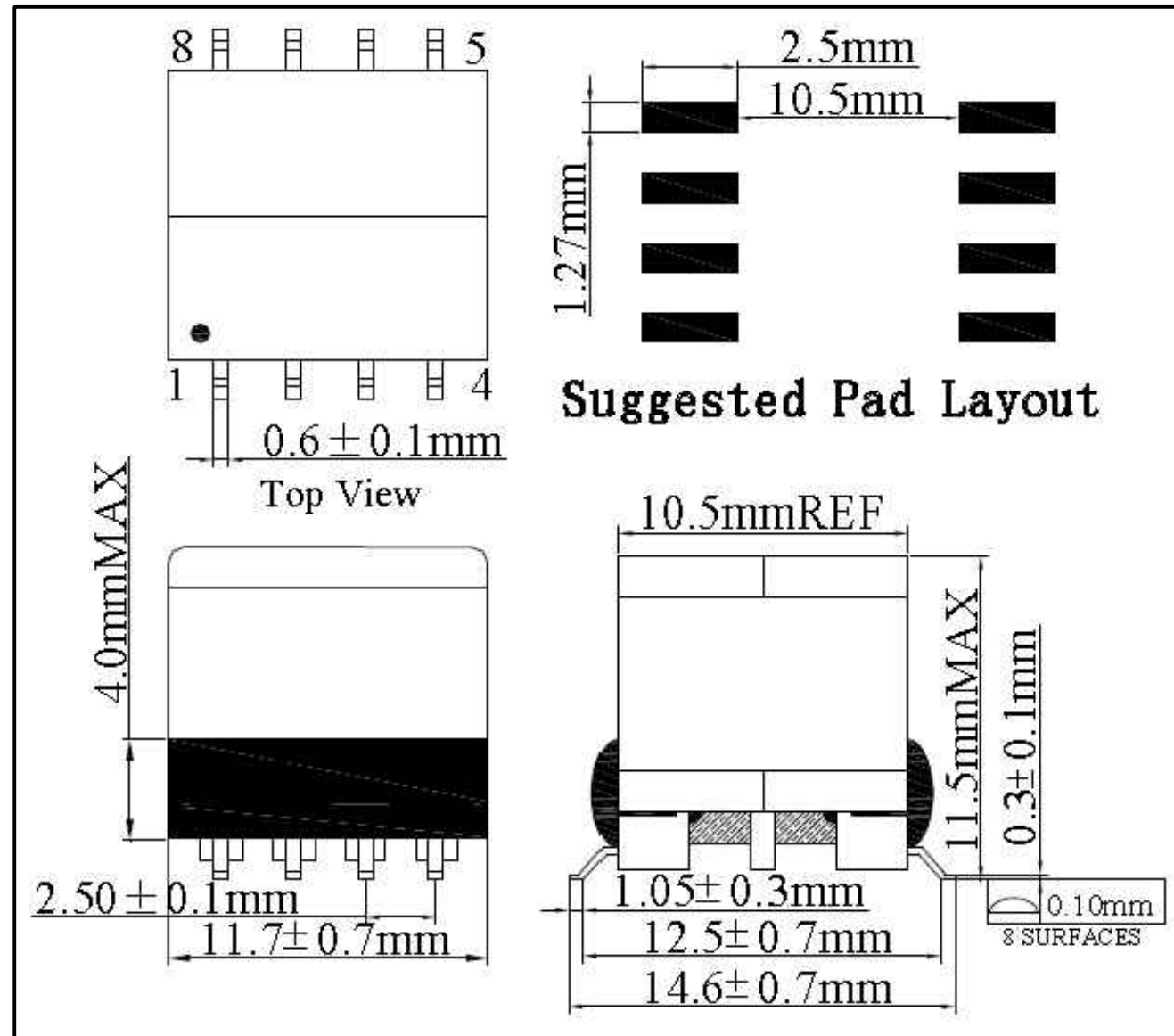


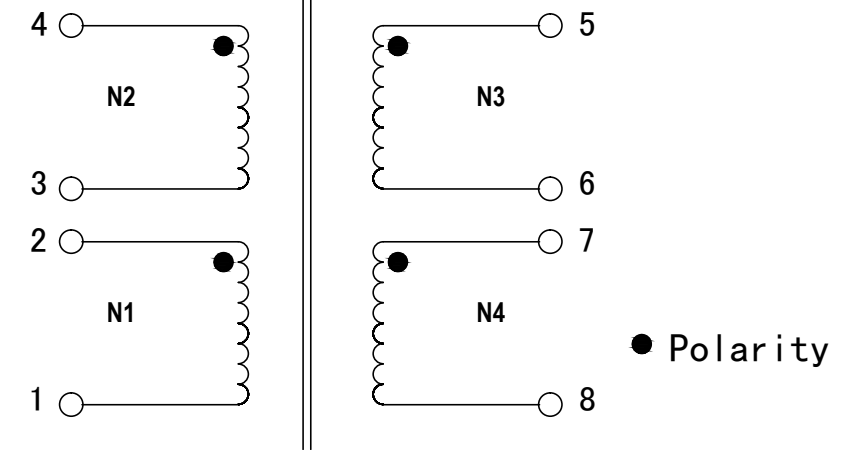
# 1. Mechanical Dimensions (mm) :



### Notes:

- 1). Do not Varnish the assembly
- 2). Put white dot on pin 1
- 3). Insulation system: Class B 130°C
- 4). Storage temperature: -40°C to 85°C
- 5). Operating temperature: -40°C to 125°C
- 6). Electrical and mechanical specifications 100% tested
- 7). RoHS compliant compatible

# 2. Schematic:

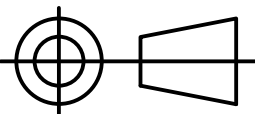


Item	Wire	Pin(S)	Pin(F)	Turns	Tape	Method
N1	1UEW/F $\phi 0.10$ mm*2P	2	1	ref	2	Tight
N2		4	3			
N3	1UEW/F $\phi 0.10$ mm*2P	5	6	ref	2	Tight
N4		7	8			

Core: ACME EP10 P5 or equal

# 3. Electrical Specifications: @25°C

- 1). OCL:  $L(1-4) = 613 \mu\text{H min@10kHz}$ , 0.02V, shorted 2+3  
 $Lk(1-4) = 34.8 \mu\text{H max@10kHz}$ , 0.02V  
 shorted 2+3, 5+6+7+8
- 2). DCR: (1-4) =  $1.38 \Omega$  max, shorted 2+3
- 3). Turns ratio:  $N1:N2:N3:N4 = 15:15:15:15 \pm 2\%$
- 4). Hipot: (N1+N2) to (N3+N4) 3.6kVac 50Hz 2Seconds  
 1mA Max, no flashover

REV	DESCRIPTION	DATE	APPROVED	Title:
A2	Updated	2018-03-29	Musk Yi	High Frequency Transformer
A1	Design	2018-03-08	Musk Yi	CUSTOMER P/N. TR457
				Our P/N. TF-EP100000-004R
				 THIRD ANGLE PROJECTION