

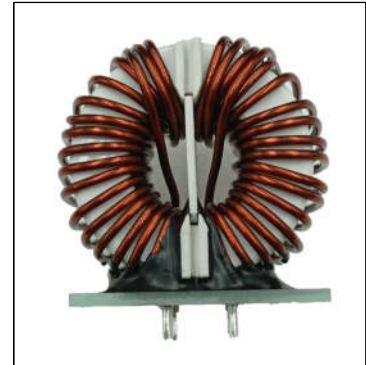


HV AC COMMON MODE CHOKE FOR MAINS POWER LINES

MODEL NO : TAC-465445 SERIES

Features:

- * Through- hole version.
- * Compliant with RoHS and REACH.
- * High permeability MnZn ferrite core material.
- * Improved isolation through plastic case and winding spacer.
- * Rated voltage : 760 VAC max.
- * High rated currents.
- * High suppression rates of asymmetrical interferences at low frequency range.



Application:

- * Power electronics.
- * Power line input and output filter.
- * Suppression of radio interferences in motors.
- * Suppression of common mode noise.

Electrical specification :

MODEL NO	INDUCTANCE +/-30% (mH)	RATED CURRENT (A) MAX	DCR MAX (mOHM)	PHYSICAL DIMENSION
TAC-465445-102	1.0	20.5	5.5	A
TAC-465445-162	1.6	16.4	8.5	B
TAC-465445-202	2.0	13.3	13	C
TAC-465445-342	3.4	9.0	27	D
TAC-465445-472	4.7	6.8	44	E

NOTE(1): Measuring condition : 10 KHZ,0.1Vrms.

NOTE(2): ΔT : 55°C max under rated current.

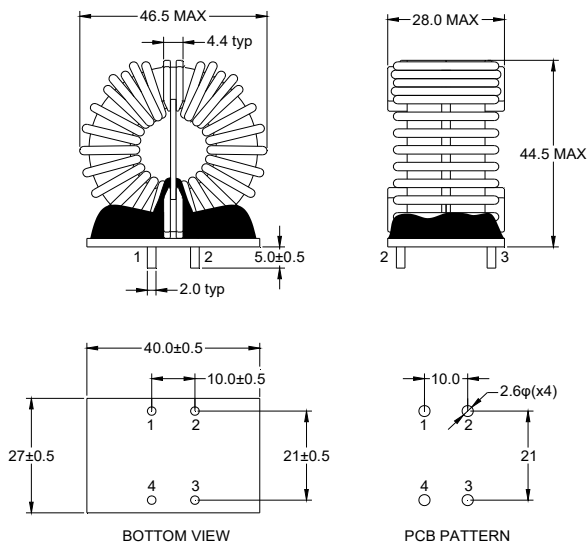
NOTE(3): Hi-pot testing : 3000 VAC for 2 seconds between winding and winding.

NOTE(4): Operating temperature(including self- temperature rise): -40°C ~ +125°C.

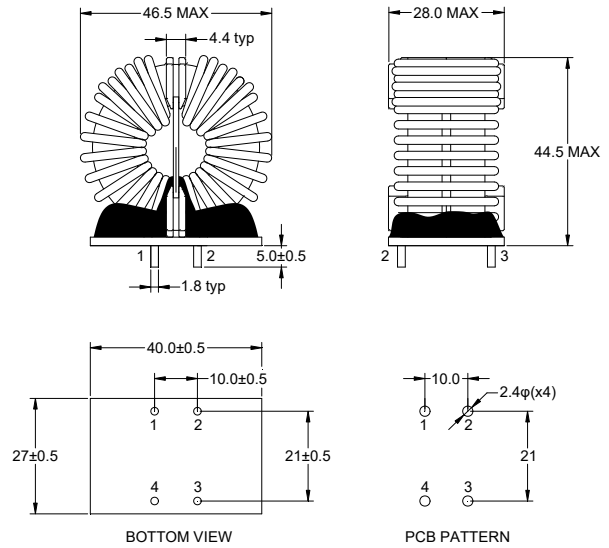
NOTE(5): Storage temperature: <40°C, <75% RH..

NOTE(6): Storage time :The recommended storage time is maximum 12 months, and don't suggest to use the parts over 12 months.

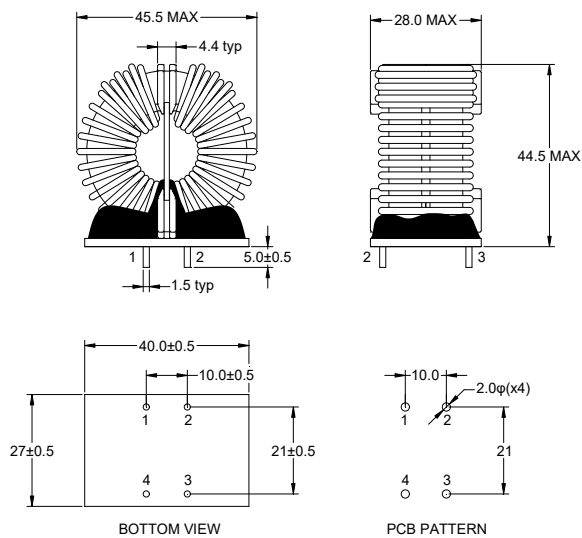
Physical Dimension : (unit :mm)



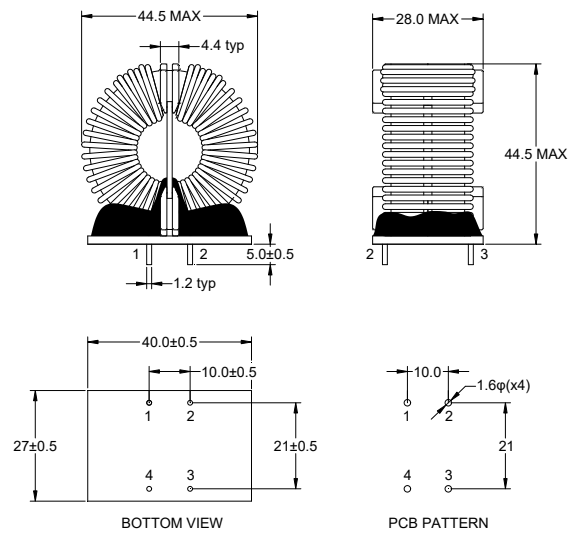
Drawing " A "



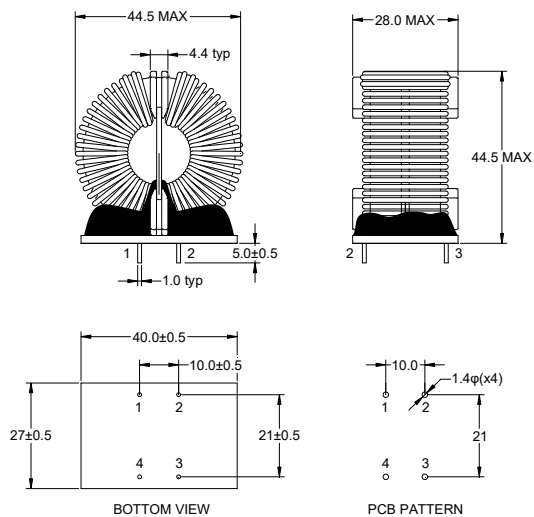
Drawing " B "



Drawing " C "

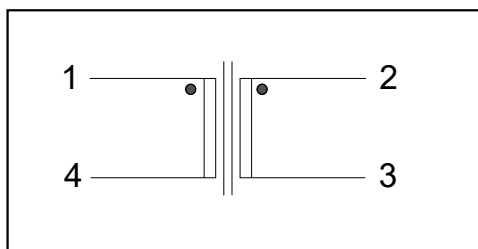


Drawing " D "



Drawing " E "

Schematic :



Impedance vs Frequency :

