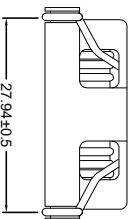
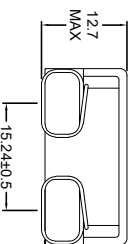


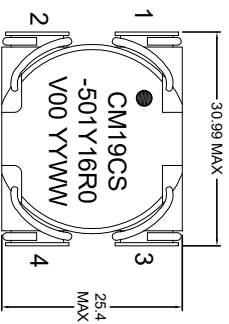
Outline Dimensions (Unit:mm)



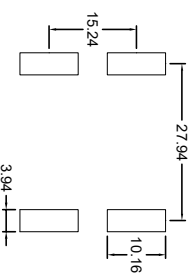
Orthographic view



Side view

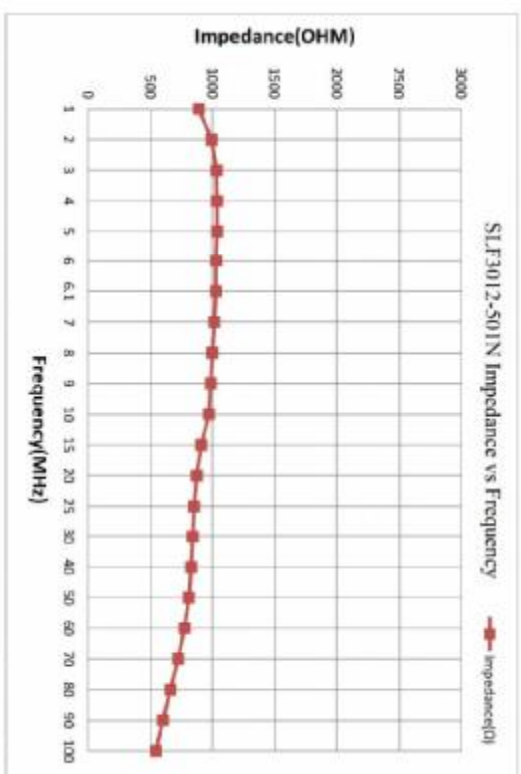
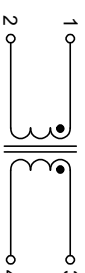


Top view



Suggested PCB Layout

Electrical Schematic



Electrical Characteristics(at 25°C)

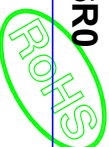
Inductance : L 1-2&3-4=500uH+30%/-35%;at 10KHZ,0.25V.  
 Leakage Inductance:L 1-2&3-4=1.5uH Min(Shorted pins3-4);at 1KHZ,0.25V.  
 D.C.Resistance: 1-2&3-4=4.25mΩ Max.  
 Irms:16A Max.@ΔT=55°C  
 Turns Ratio : 1:1±2%,at 20KHz, 1V.  
 Hipot : Coil-Coil : 1500VAC/1mA/3Second.  
 Weight:Approx≈/g.

List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Wire	XUEW/155C	Shandong Saint Electric Co Ltd	E194410
Core	T-core	Su Zhou Tian Ming Magnetic	N/A
Case	25*30.5/PPS	Toray industries inc	E41797
Epoxy	E-500	Gudak Chemistry Tech(DongGuan) Ltd	E216733

Reliability first,  
start your power supply

REV	DESCRIPTION	APPD	DATE	Make: Winnie	Checked: Anson Zhan	Approved: Louis Lin	Customer P/N:PA2670NL
				Tolerances unless otherwise specified: (X)±0.50 (XX)±0.25 Unit of measurement: mm	Common mode choke	Material Number:	Document/Rev:2606026/00
							Specification Sheet: 1 of 2
							Date of Recognition: Jun./05/2026



**Notes of use:**

1. The best assembly quality guarantee period of product : 12 months (From manufacture date).  
Storage condition : seal in packaging, temperature 40 , RH 70%.
2. If taking out for use, the remaining products should be sealed in plastic bag and preserved in accordance with the above conditions, to avoid the effect of electrode oxidation on soldering status.
3. Do not keep products in unsuitable storage conditions, such as areas susceptible to high temperature, high humidity, dust or corrosion, and etc.
4. Do always handle products with care to avoid damage.
5. Do not touch electrodes with bare hands directly, as oil secretions may inhibit soldering.
6. When product will be used on a similar or new project to the original one, sometimes it might be unable to satisfy the specification due to different condition of usage.
7. This prouddt itself does not have any protective function in abnormal conditions, such as overload,high temperature, high voltage and etc.
8. Hi-Pot test with higher voltage than spec value might damage insulation material and shorten its life.
9. Please do not clean this product. Washing agents used during the production to clean the application may damage or change the characteristics of the wire insulation, marking or plating. Washing agents may have a negative effect on the long-term functionality of the product. If necessary, please consult with us.
10. This product meets RoHS compliance. It contains about 90% metal components such as copper and iron, and has good recycling value. However, the product also contains plastic components such as epoxy resin, which is difficult to degrade naturally, so do not throw away at will. If need to be scrapped, please submit to the company with recycling qualification for recycling and reuse.
11. For optimized solderability, inductor stock should be used promptly, preferably within six months of receipt.

		Make: Winnie Checked: Anson Zhan Approved: Louis Lin	<b>DRAWING TITLE</b> Common mode choke	Customer: P/N:PA2670NL Document/Rev:2606028/00
	Tolerances unless otherwise specified: (X)±0.50 (XX)±0.25 Unit of measurement: mm	Material Number:	Specification Sheet: 2 of 2 Date of Recognition: Jun./05/2026	