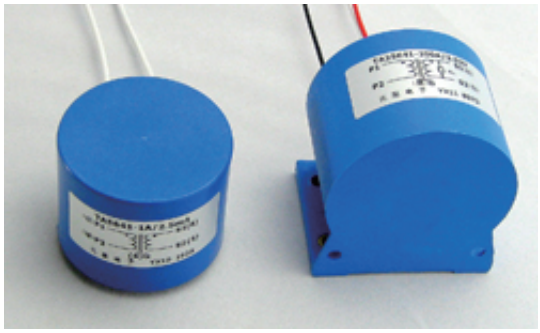
Zero-Flux Transformers

Zero-Flux Voltage Transformers

The YUANXING series Miniature voltage transformers are designed for applications where AC voltage signals must be transformed accurately into a lower AC voltage signal appropriate for micro-processor based circuits.

The TAXX7X series of Zero-flux miniature voltage transformers are sampling transformers designed specifically for high quaity measuring instrument,It doesn't need any compensating measure,Which require exceptionally accurate primary signal transformation and insolation.

YUANXING can designe and manufacture to meet the specific design challenges of the client's specific application.The following models are only a small sampling of the many different products which have been and are currently being manufactured.



TV54A71 /TV5671 TV25E71

FEATURES

- Low cost
- Non-symmetrical mounting pattern

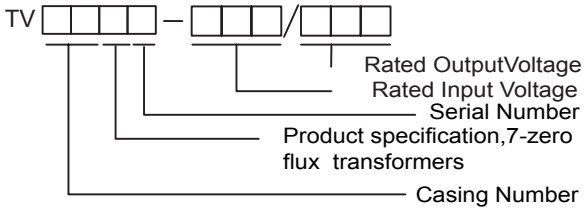
APPLICATIONS

- For applications that require exceptional accuracy with minimal phase angle error
- Applications would include Current, Power and Energy monitoring devices.

SPECIFICATIONS

- Exterior Material:PBT Resin UL flame retardant rating 94V-O
- Interior Insulation:Epoxy Encapsulated
- Isolation Current: 2500 Vrms for 1 minute
- Frequency: 50 to 5KHz
- Accuracy Class:as defined in IEC 60044-2 Part 2 Voltafet Transformers Class 0.01,0.02,0.05
- Operating Temperature:-25 to +55º C,-40 to +85º C
- Dielectric Resistance: 1000M Ohms @ 500 Vdc
- Surge Withstand: 5000V
- RoHS Compliant

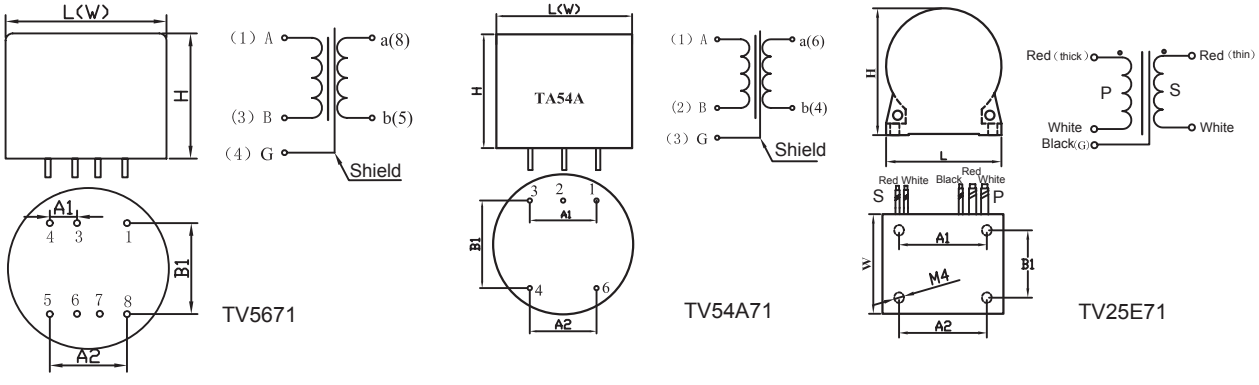
PART NUMBERS



PERFORMANCES

Model	InputOutput	Frequency (HZ)	Exciting Current(mA)	Accuracy Class	Outline Dimension(mm)
TV54A71	Input: 57.7V,100V,120V Output: 0.1V--7.07V (Optional)	50-5K	0.5	0.01 0.02 0.05	OD-H 40.0-31.0
TV5671	Input: 57.7V,100V,120V,150V Output: 0.1V--7.07V (Optional)	50-5K	0.5	0.01 0.02 0.05	OD-H 45.0-35.0
TV25E71	Input: 57.7V,100V,120V,180V, 220V Output: 0.1V--7.07V (Optional)	50-5K	0.5	0.01 0.02 0.05	L-W-H 50.0-38.0-55.0

OUTLINE DRAWINGS



OUTLINE DIMENSIONS

Model	L	W	H	A1	A2	B1
TV54A71	40(1.575)	40(1.575)	31(1.220)	10.0x2(0.787)	20.0(0.787)	25.0(0.984)
TV5671	45(1.772)	45(1.772)	35(1.378)	7.62(0.300)	7.62x3(0.900)	25.4(1.000)
TV25E71	50(1.968)	38(1.496)	55(2.165)	40(1.575)	40(1.575)	22(0.866)

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