

Representative image only

Features

- Power transformer

Applications

- Relay application

Advantage

- -----

Application domain

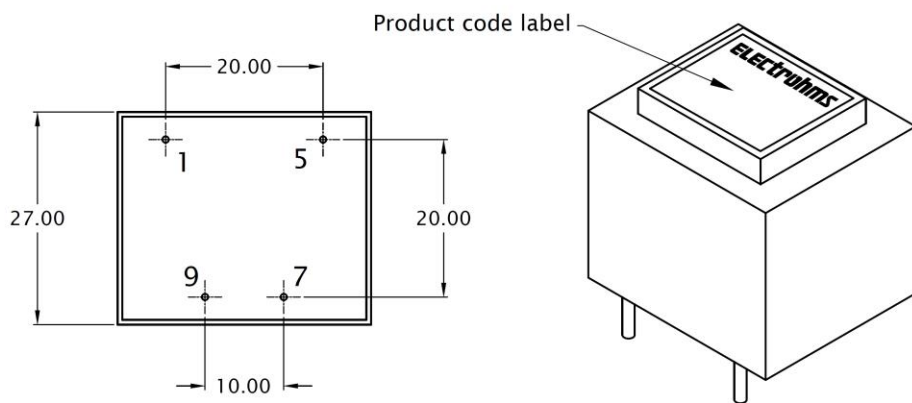
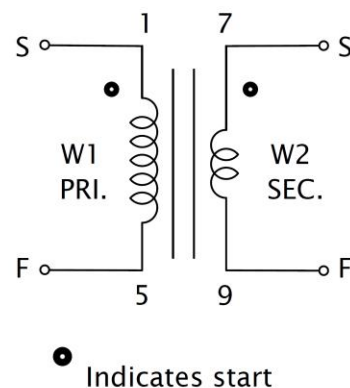
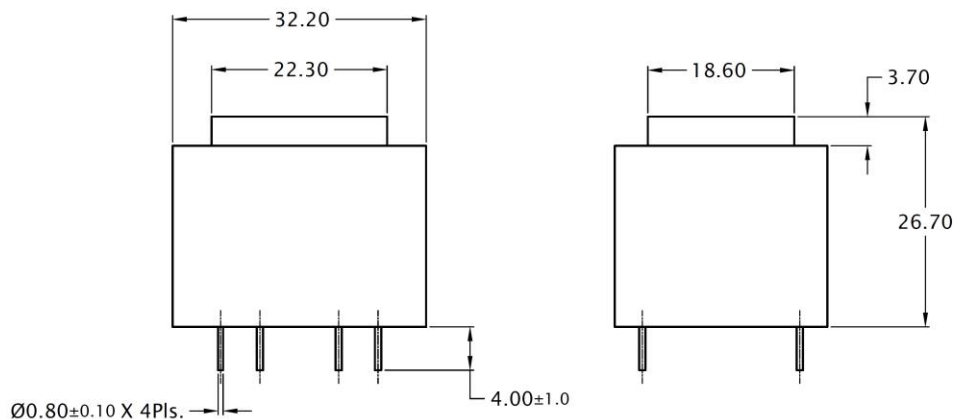
- Commercial
- Industrial

Specifications @ 25°C

Parameters	Symbol	Value	Units
Voltage input nominal	V_{in}	400	V
Voltage input maximum	V_{im}	580	V
Voltage output	V_o	2.3	V
Operating frequency	f	50/60	Hz
Turns ratio	N	174: 1	---
Primary winding resistance	R_p	17.0 K - 19.5K	Ω
Secondary winding resistance	R_s	2.38 - 2.91	Ω
Recommended secondary burden resistance	R_b	3.3	K Ω
Inductance @ 0.3Vrms, 100Hz, parallel mode	L	-----	H
Operating temperature range	T_{opr}	-10 to +60	°C
Storage temperature range	T_{stg}	-10 to +60	°C
Dielectric strength between primary and secondary terminals, @ 50Hz, 60 seconds	V_d	4	kVrms
Mass	m	81	g

The transformer error values are guaranteed with recommended secondary burden resistance values. Contact ELECTROHMS design group for use of burden other than recommended secondary burden resistance.

Mechanical dimensions



Tolerance unless otherwise specified

0.5 up to 3 in mm	>3 up to 6 in mm	>6 up to 30 in mm	>30 up to 120 in mm	>120 up to 400 in mm	>400 up to 1000 in mm	ALL DIMENSIONS ARE IN 'mm'	
± 0.20	± 0.30	± 0.50	± 0.80	± 1.20	± 2.0	SCALE -NTS	

Termination Details	
Pin 1 & 7	Start
Pin 5 & 9	Finish

Notes:

- The start & finish of the transformer and winding schematic will be as shown in the figure.

Safety



- When operating the transformer will carry hazardous voltage.

General information:

Electrohms reserves the right to make modifications on products for improvements without prior notice.