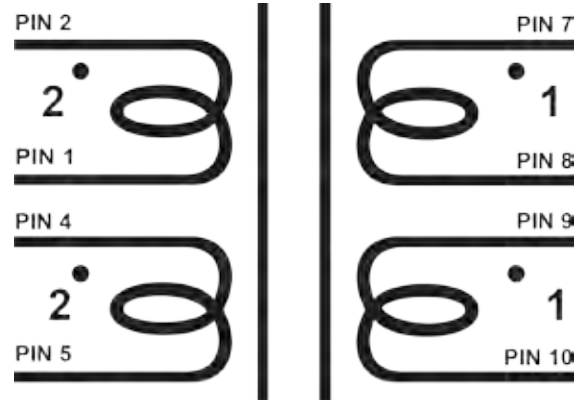
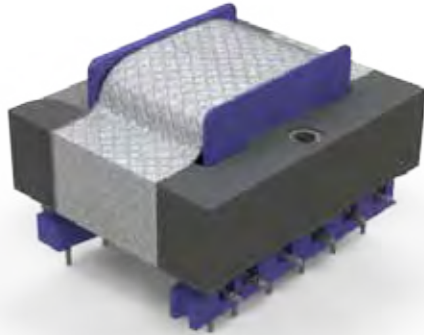


XS Series

SPECIALTY MATCHER

XS1100

2+2:1+1 ratio matching transformer. An alternative to the LL5402 and compatible transformers.



Design

Mathematically designed to produce a turns ratio of 2+2:1+1 for line level signals.

Primary (Input)

Designed for a low impedance source, such as an operational amplifier or transistor with a maximum input voltage of 7.5Vrms.

Secondary (Output)

Designed for an impedance greater than 600 Ohms.

Magnet Wire

All units are wound with the finest virgin copper magnet wire. All windings use heavy insulated wire to provide excellent manufacturing yield, lower customer cost and superior life.

The Core

EDCOR uses the finest M6 line grain oriented steel cores. Each unit is hand stacked to assure at least 92% stack.

The Bobbins

EDCOR's royal blue bobbin with black finishing tape.

Copper Shielding

Outer copper shield around winding and core to help eliminate outside interference.

Termination/Mounting

This unit is designed for printed circuit boards. For footprint and suggested hole and pad size please see the dimensional drawing.

Specifications

Input Maximum Voltage	7.5Vrms
Turns Ratio	2+2:1+1
Primary (input) Impedance	Low Impedance
Primary (input) DCR	104 Ohms & 120 Ohms
Secondary (output) Impedance	>600 Ohms
Secondary (output) DCR	64 Ohms & 56 Ohms
Frequency Response	10~50K Hz., <1dBu
THD+Noise	<0.01% @ 1K Hz.
Copper Shielding	Yes
Bobbin Material	Glass Filled Nylon 6/6
Flamability Rating	Class B 130°C
Core Material	M6 29 ga. line grain oriented steel
Termination	12 pin PCB
Mounting	Printed circuit board mounted (PCB)
Weight	0.4 lbs.
Dimensional Drawing	15000-EI625-050-P12
Compliance	RoHS, REACH



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