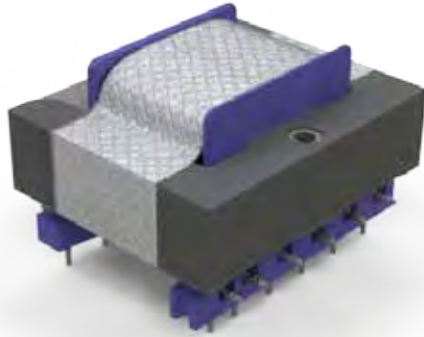


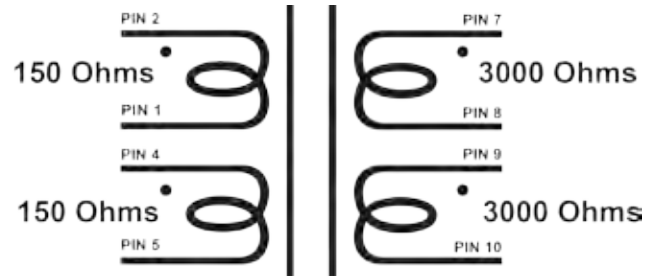
# XS Series

## SPECIALTY MATCHER

### XS150-3K



1/2W dual 150 Ohms to dual 3K Ohms (1+1:4.47+4.47) line level matching transformer.



#### Design

Mathematically designed to produce a turns ratio of 1+1:4.47+4.47 for line level signals.

#### Dual Primary (Input)

Designed for a unbalanced 150 Ohms line level signal.

#### Dual Secondary (Output)

Designed for a unbalanced 3K Ohms line level signal.

#### 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	0.5W
Turns Ratio	1+1:4.47+4.47
Primary (input) Impedance	Dual 150 Ohms
Secondary (output) Impedance	Dual 3K 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	<a href="#">15000-EI625-050-P12</a>
Compliance	RoHS, REACH



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