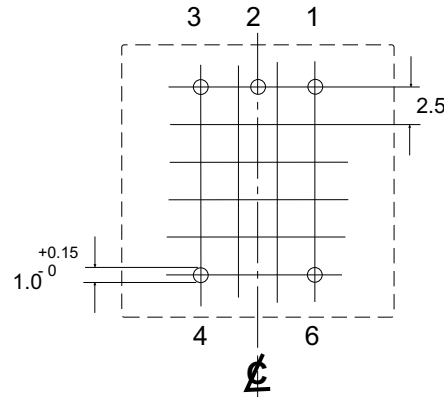
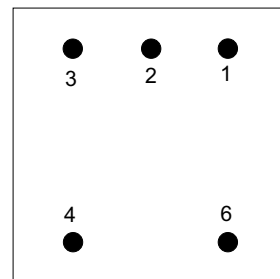
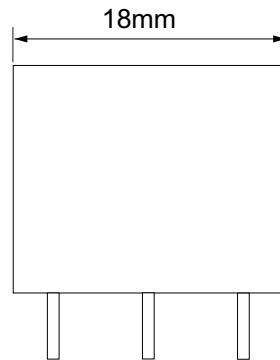
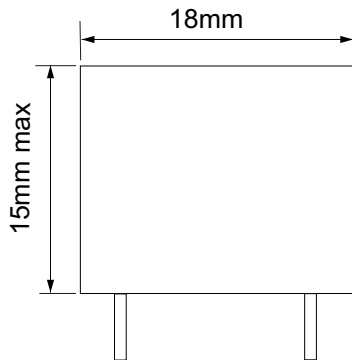
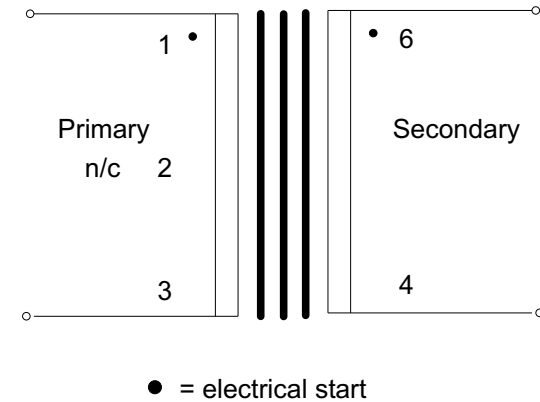




Label
Y WW = date code

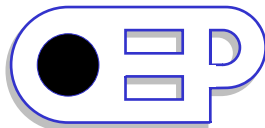


Pin view
Tolerance on all hole positions $\pm 0.5\text{mm}$
Pin diameter = 0.6mm



Electrical Specification:

Primary DC resistance: 50 ohms $\pm 15\%$
Secondary DC resistance: 72 ohms $\pm 15\%$
Impedance matching: 600 ohms to 600 ohms (200Hz - 4kHz)
Inductance, measured at 0.274V, 100Hz
Primary: $>2.6\text{H}$
Secondary: $>2.6\text{H}$
Insertion loss: $<1.5\text{dB}$, 200Hz - 4kHz (600 ohms)
Return loss: $<-24\text{dB}$ 200Hz - 4kHz (600ohms)
Linearity: $<0.03\%$ THD 300Hz - 4kHz @ -10dBm (600 ohms)
Saturation: $<10\text{V rms}$ @ 50Hz, 65V peak
Leakage inductance: 4mH typical
Hi-pot, primary to secondary: 3kV
Note: Do not pass DC current through windings.
Storage temperature range: -25°C to $+85^{\circ}\text{C}$
Operating temperature range: 0°C to $+70^{\circ}\text{C}$



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for TF048	1	08/11/99	CS		TF048
	2	06/03/02	CS		
	3	16/11/06	CS		
	4	03/06/11	CS		

Scale: 2 to 1

All dimensions in mm unless stated otherwise