

# C2770

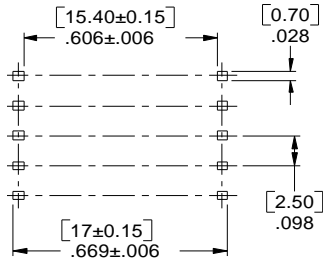
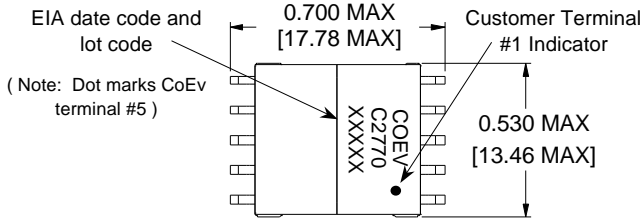


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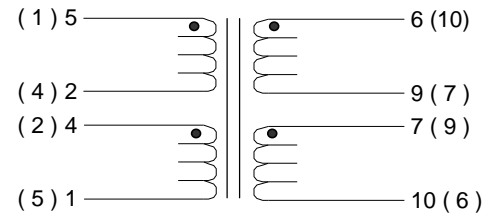
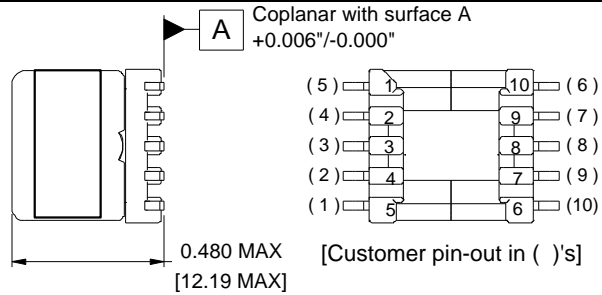
## Product Description

### 1:1 TR 470µH Line Transformer

Meets requirements of IEC60950 for supplementary insulation, 250V working voltage



Customer to determine PCB pad dimensions.



Primary units are in inches. Millimeters are in brackets.

### Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes (Test terminals reference CoEv pin numbering)
Inductance	470	µH	±5%	5-1 tie( 2+4 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	4.00	µH	Max.	5-1 tie( 2+4 ), 100kHz, 100mVAC, Ls.
DC Resistance	0.546	Ω	±10%	5-2
DC Resistance	0.546	Ω	±10%	4-1
DC Resistance	0.546	Ω	±10%	6-9
DC Resistance	0.546	Ω	±10%	7-10
Turns Ratio	1 : 1	---	±1%	( 5-1 ) : ( 6-10 ) tie( 2+4, 7+9 ), 10KHz, 100mVAC.
Dielectric	700	VDC	500µA	6-7, 1 second test, 500µA maximum leakage current.
Dielectric	700	VDC	500µA	4-5, 1 second test, 500µA maximum leakage current.
Dielectric	1,000	VAC	500µA	1-CORE tie( 2+4 ), 1 second test, 500µA maximum leakage current.
Dielectric	1,875	VAC	500µA	5-6 tie( 2+4, 7+9 ), 1 second test, 500µA maximum leakage current.

### Agency Approvals

BABT	Certificate No. NC/011232	Japan (via CB Cert.)	Certif. No. 14041
UL1950	File E189690	Austel (via CB Cert.)	Certif. No. 14041
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certif. No. 14041
IEC 60950 (via CB Cert.)	Certificate No. 14041	Norway (via CB Cert.)	Certif. No. 14041

# BABT

Designed to reflect 100 ohms on the Line with 100 ohms on the IC side.

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