

## Line Transformers V34 Characteristic 600/600Ω

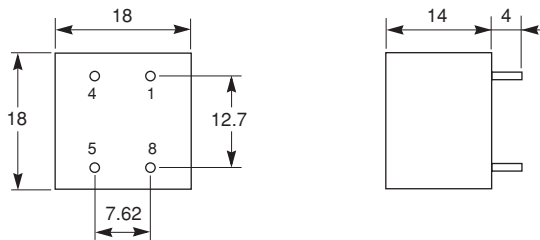


### FEATURES

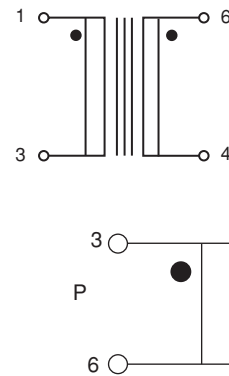
- Meets EN 41003 and EN 60950 specifications
- Can be used for line matching on V34 model
- SMD molding give an excellent dielectric strength and allow automatic pick and place

### DIMENSIONS in millimeters

TA34



### ELECTRICAL DIAGRAM



### MECHANICAL SPECIFICATIONS

Configuration	2.54mm pitch
Case	UL 94 VO water proof
Unit Weight	10g

### CLIMATIC SPECIFICATIONS

Temperature Range	
Shelf	- 20°C + 70°C
Working	- 10°C + 60°C

### PACKAGING

25 pieces in stick.

### MARKING

Print marked: manufacturer, series, manufacturing date (code), pin 1.

### ELECTRICAL SPECIFICATIONS

Input/Output Ratio S/P	1/1
Primary Inductance at 1kHz	3H
Nominal Inductance:	
Primary	600Ω
Secondary	600Ω
Winding Resistance	
1-4	56Ω
5-8	56Ω
Insertion Loss (2kHz)	≤ 1.5 dB
Reflection Coefficient	
No load 0.2 to 4kHz	≥ 10 dB
In the net	≥ 21 dB
Shunt Loss	30kΩ
Signal Versus Frequency	0.2 to 3.5kHz
	- 0.3 dB
Signal in Wide Band	0.2 to 10kHz
	- 2.5 dB
Power Level	20 dB
Symmetry	0.3 to 5kHz
	> - 80 dB
Distortion	0 dB to 1kHz
	≤ 0.1%
Leakage Inductance	18mH
Dielectric Strength	6.5kVDC

### ORDERING INFORMATION

TA34  
SERIES