



TA34

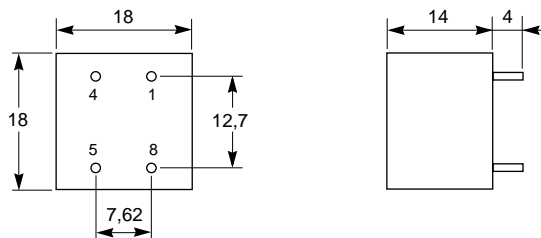
line transformers

V34 characteristic 600 / 600 Ω

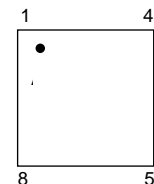
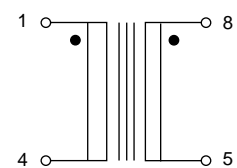


TA34 meets EN 41003 and EN 60950 specifications.
They can be used for line matching on V34 modem.
SMD molding give an excellent dielectric strength and allow automatic pick and place.

TA34



ELECTRICAL DIAGRAM



Dimensions in mm

SPECIFICATIONS

MECHANICAL

CONFIGURATION... 2,54 mm pitch
CASE... UL 94 VO water proof
UNIT WEIGHT... 10 g

CLIMATIC

TEMPERATURE RANGE
SHELF... -20°C +70°C
WORKING... -10°C +60°C

MARKING

Printed in clear : manufacturer, series, manufacturing date (code), pin 1.

PACKING

25 pieces in stick.

ORDERING PROCEDURE



ELECTRICAL

INPUT / OUTPUT RATIO S/P... 1 / 1
PRIMARY INDUCTANCE at 1 kHz... 3 H
NOMINAL IMPEDANCE PRIMARY... 600 Ω
SECONDARY... 600 Ω
WINDING RESISTANCE 1-4... 56 Ω
5-8... 56 Ω
INSERTION LOSS (2 kHz)... ≤ 1,5 dB
REFLEXION COEFFICIENT
no load 0,2 to 4 kHz... ≥ 10 dB
in the net... ≥ 21 dB
SHUNT LOSS... 30 kΩ
SIGNAL VERSUS FREQUENCY 0,2 to 3,5 kHz... -0,3 dB
SIGNAL IN WIDE BAND 0,2 to 10 kHz... -2,5 dB
POWER LEVEL... 20 dB
SYMETRY 0,3 to 5 kHz... > -80 dB
DISTORTION 0 dB to 1 kHz... ≤ 0,1 %
LEAKAGE INDUCTANCE... 18 mH
DIELECTRIC STRENGTH... 6,5 kV DC