



TA34M

line transformers

V34 - 600 / 600 Ω characteristic

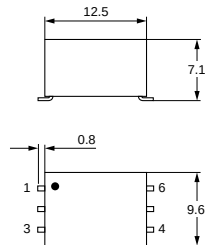


TA34M meets EN 41003 and EN 60950 specifications.

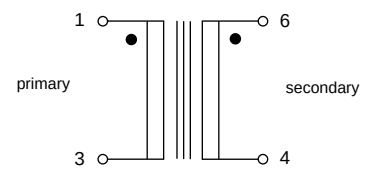
They can be used for line matching on V34 modem.

SMD molding give an excellent dielectric strength and allow automatic pick and place.

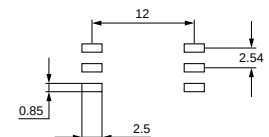
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ELECTRICAL DIAGRAM



RECOMMENDED SOLDERING PAD



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... 3,8 H
NOMINAL IMPEDANCE PRIMARY... 600 Ω
SECONDARY... 600 Ω
WINDING RESISTANCE 1-4... 150 Ω
5-8... 150 Ω
INSERTION LOSS (1 kHz)... 3 dB
REFLEXION COEFFICIENT 0,2 to 4 kHz... 24 dB
SHUNT LOSS... 7500 Ω min.
SIGNAL VERSUS FREQUENCY
0,2 to 4 kHz... $\pm 0,25$ dB
SYMETRY... 80 dB min.
DISTORTION... - 82 dB max. at 600 Hz
power level 10 dBm
LEAKAGE INDUCTANCE... 7 mH
DIELECTRIC STRENGTH... 4600 V RMS
INSULATION RESISTANCE... 100 M Ω at 500 V DC



VISHAY S.A.
Division Aztronix
Z.I. de Bellitourne
B.P. 353

F 53203 Château-Gontier Cedex
Tel. : (33) 02 43 09 51 10
Fax. : (33) 02 43 07 36 43