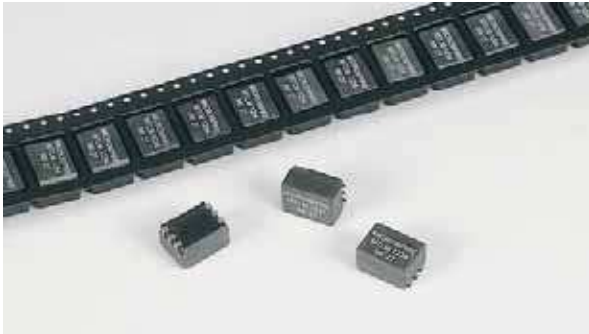


# SMD Line-Matching Transformer - MTLM 1234



- V.34 data rate, 28800 bits/sec
- 7 mm seated height
- EN 41003 and EN 60950 compliant
- Reinforced insulation up to 250 Vrms
- LCIE approved
- Operating temperature range: -25°C to +70°C
- Weight: 2.3 grams

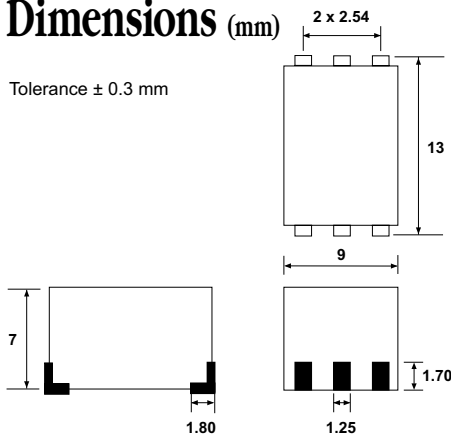
## Electrical Data

Parameter	Value
Primary Impedance (pins 1-3)	600 $\Omega$
Secondary Impedance (pins 6-4)	600 $\Omega$
Turns Ratio at 1 kHz	1:1 $\pm$ 1%
Shunt Inductance at 200 Hz, 0.15 V	$\geq$ 3 H
Shunt Loss at 200 Hz, 0.15 V	$\geq$ 6000 $\Omega$
Leakage Inductance (1 kHz)	$\leq$ 5.5 mH
Primary Winding Resistance	115 $\Omega$ $\pm$ 15%
Secondary Winding Resistance	115 $\Omega$ $\pm$ 15%
Storage Temperature Range	-40°C to +85°C

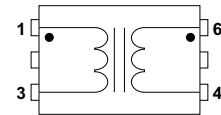
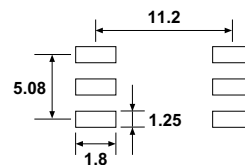
Parameter	Value
Insertion Loss (at 2 kHz)	$\leq$ 2 dB
Frequency Response (0.2-4 kHz)	$\pm$ 0.25 dB
Return Loss (0.2-4 kHz)	$\geq$ 24 dB
Distorsion (0 db at 500 Hz)	$\leq$ 0.1%
Balance	$\geq$ 80 dB
Power Level	3 dBm
Dielectric Strength (2s)	4 kVrms
Isolation	6.5 kVdc
Operating Temperature Range	-25°C to +70°C

## Dimensions (mm)

Tolerance  $\pm$  0.3 mm



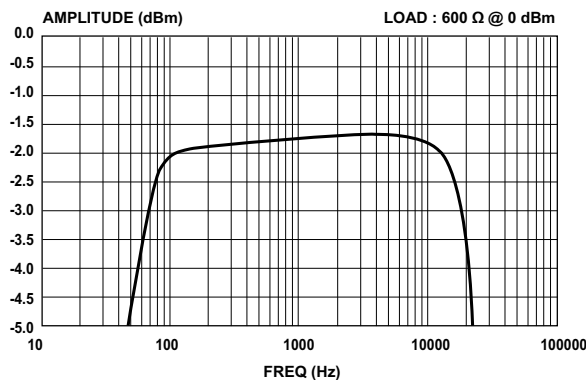
## Connections



## Packaging

Tape and Reel: 650 pieces

## Frequency Response



## Distorsion

