

Mini current type voltage transformer

Model: SMV1295

Characteristic: SMV Series is a Patch installation current type voltage transformer, Adopting nanocrystalline core, Different input voltages flow through current limiting resistance, so that the primary side flows through different currents, and the secondary side gets the same current as the primary side.



Technical index:

Mounting type: Patch installation

Core material: Nanocrystalline

Fair resistance: with UL94-V0

Complaint with: GB1208-2006

Operating temperature: -30℃ ~ +75℃

Storage temperature: -35℃ ~ +80℃

Frequency Range: 20Hz-20KHz

Delectric strength: 3.5KV 50Hz 1min

Welding (reflow soldering) precautions

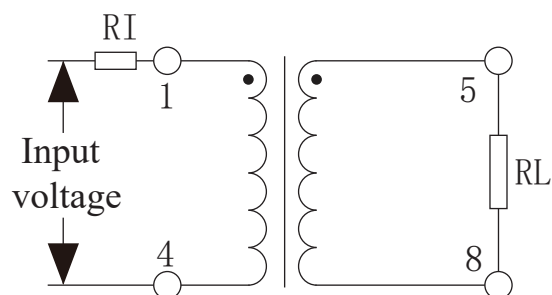
Welding temperature: ≤ 250℃

Welding time: ≤ 7 minutes

Technical parameters table:

Rated input	2	mA
Rated output	2	mA
Turns ratio	1000: 1000	
Linearity	0.2	%
Max. measuring voltage	250	V
Phase error (Reference value)	≤30'	
Sampling resistance Max	400	Ω
Weight	4.8	g

Schematic diagram:

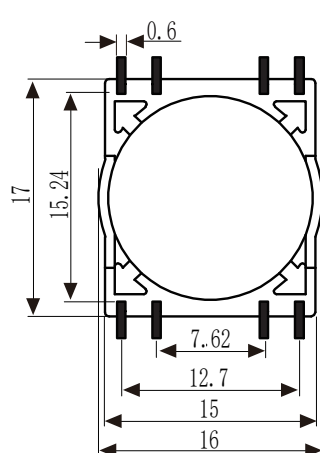


RI:limiting resistor

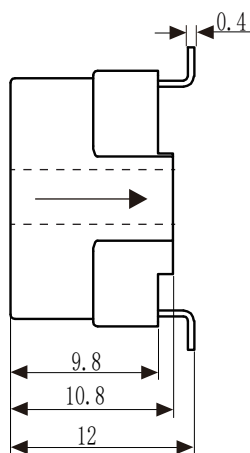
RL:Sampling resistance

2, 3, 6, 7 are empty needles

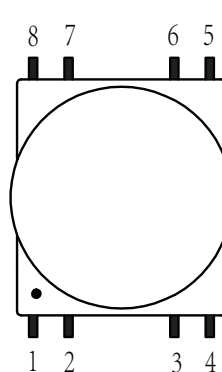
Dimensions: (in:mm)



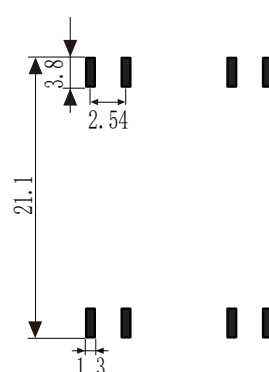
Bottom view



Side view



Top view



Sample pad position