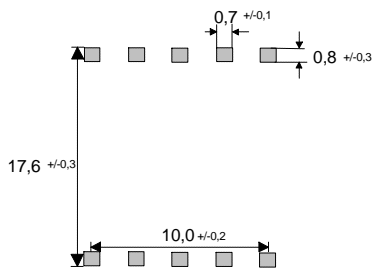


Dimensions in mm

Weight: 6,5 grams



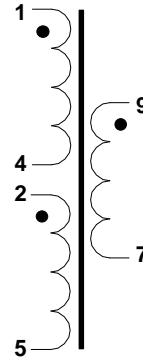
Terminal dimensions at soldering point.

# AP 1148

DATA SHEET

## LINE TRANSFORMER

EP13-SMD gullwing



**Features:**

Turns Ratio = 5,4 : 1

**Applications:**

G.SHDSL

**Electrical Characteristics: (acc. to IEC 1007)**

Parameter	Terminals	Min	Nom	Max	Unit	Conditions
Inductance	1-5	2,82	3	3,18	mH	10KHz 100mV 2+4
Inductance	1-5	2,82			mH	10KHz 100mV 100mADC 2+4
Leakage Inductance	1-5			15	uH	100KHz 100mV 2+4, 9+7
Turns Ratio	(1 - 5)/(9 - 7)		5,4			10KHz 100mV 2+4
DC Resistance	1-5			3,3	ohm	DC, 2+4
DC Resistance	9-7			0,35	ohm	DC
Interwinding Cap	1-9			80	pF	100KHz 100mV 4+2
Dielectric Strength	1+2 --> 9	1500			V	50Hz 2s
Dielectric Strength	1+2 --> Core	1500			V	50Hz 2s
THD	1-9			-80	dB	5KHz 2,0 Vrms 4+2 4,6 ohm load

**Related Standards:**

UL1950, EN60950

**ROTACIONAL - Dispositivos Electronicos Ida.**

Parque Industrial Vale do Alecrim, lote 13  
P 2950-403 Palmela  
Portugal

**e-mail: sales@rotacional.com**

**www.rotacional.com**