

POWER INDUCTOR



P1108 SERIES



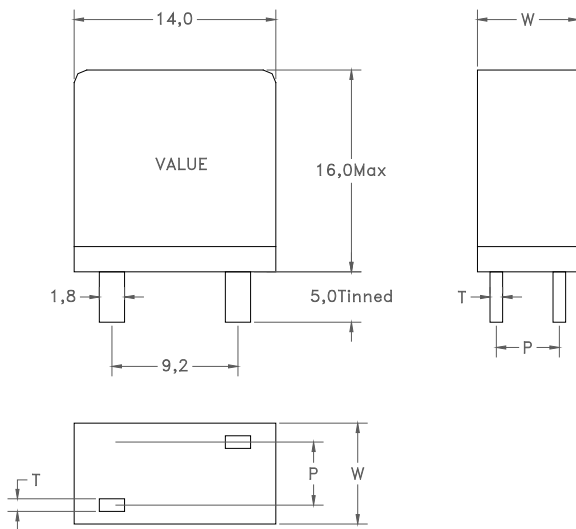
- Power Inductors for Digital Amplifiers
- Made with flat wire for compact size
- Low radiation noise due to magnetically shielded construction
- Small, low resistance and high current
- Operating Frequency up to 1MHz
- Inductance range from 10 μ H to 22 μ H
- Operating Temperature -40°C to +125°C
- RoHS Compliant Product
- Custom Design Available

ELECTRICAL PARAMETERS @ 25°C

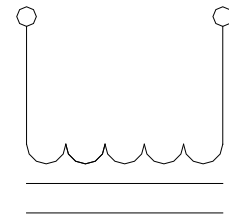
Part Number	L (μ H) $\pm 20\%$	DCR (m Ω) MAX	I _{SAT} (A) MAX	I _{RMS} (A) MAX	W DIM (mm) ± 0.5	P DIM (mm) ± 0.3	T DIM (mm) ± 0.1
P1108-							
100M	10	12.3	13.5	6.2	7.6	3.3	0.50
200M	22	17.5	9.0	5.1	9.6	4.4	0.50

- Note:**
1. Inductance measured @ 1KHz 0.10V_{RMS}
 2. I_{SAT}: Inductance drops 25% max from initial value
 3. I_{RMS}: Δ T of 40°C rise max from ambient temperature
 4. Inductance tolerance M=20%
 5. Suffix letter represent standard tolerance
 6. Marking: Value of Inductance

DIMENSIONS (mm)



SCHEMATIC



Dimensions

Unless otherwise specified, all tolerances are:
 inch: .XX : ± 0.015 .XXX : ± 0.004
 mm: X.X : ± 0.38 X.XX : ± 0.10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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