

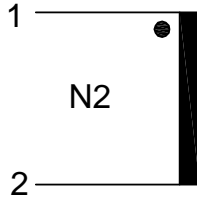


AlfaMag Electronics

CT Series • Current Sensor for 50/60 Hz

Part Number	CT 1100
Customer	
Product Type	Current transformer

SCHEMATIC:



ELECTRICAL SPECIFICATION:

- Rated input current : 100Amps
- Primary to Secondary isolation : 2500VAC
- Operating frequency : 50 / 60Hz
- Turns ratio : 1:1000
- DCR : 21.30Ω
- $I_o @ V_{rms} = 12.0V$: 1740μArms
- Ratio correction factor (RCF*) : 1.001 @10% (Multiply current reading by this factor to compensate for transformer losses)

Volt/Amp at rated I_p for different loads			
100Ω	500Ω	2000Ω	5000Ω
0.10	0.34	0.50	0.56

LOAD TEST DETAILS:

Rated $I_p=100A$
 $R_L=100Ω/1.00W$
 $U_s=10.0V$

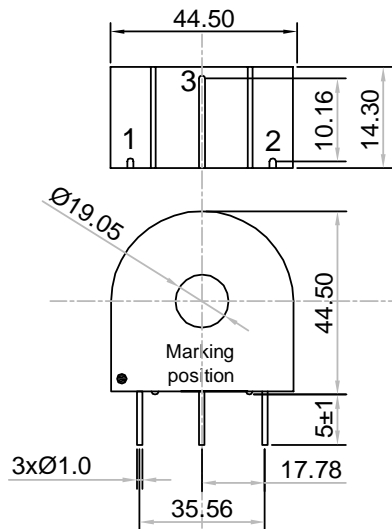
MARKING INFORMATION:

ALFAMAG
 ELECTRONICS
 YY/WW CT1100

Trafo Weight:

0.080Kg/pc

MECHANICAL DIMENSIONS:



All dimensions are in mm
 Linear dimensional tolerance ±0.2mm

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