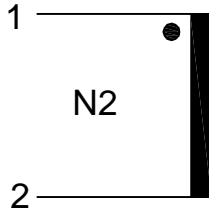




## CT Series • Current Sensor for 50/60 Hz

Part Number	CT 1100
Customer	
Product Type	Current transformer

### SCHEMATIC:

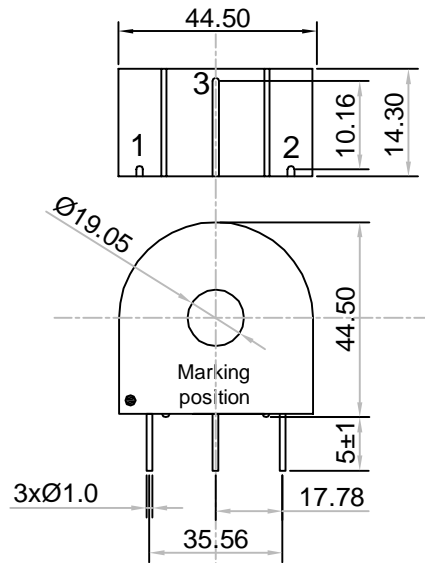


### ELECTRICAL SPECIFICATION:

- 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)
- Operating temperature range : -55°C to 120°C
- Flammability rating : UL 94V0

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

### MECHANICAL DIMENSIONS:



All dimensions are in mm  
Linear dimensional tolerance ±0.2mm

### LOAD TEST DETAILS:

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

### MARKING INFORMATION:

AMGIS  
YY/WW CT1100

### Trafo Weight:

0.080Kg/pc