

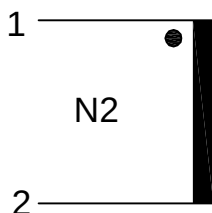


AMGIS

CT Series • Current Sensor for 50/60 Hz

Part Number	CT 1050
Customer	
Product Type	Current transformer

SCHEMATIC:



ELECTRICAL SPECIFICATION:

— Rated input current	: 50Amps
— Primary to Secondary isolation	: 2500VAC
— Operating frequency	: 50 / 60Hz
— Turns ratio	: 1:1000
— DCR	: 49.3Ω
— $I_o @ V_{rms} = 7.28V$	: 1090μArms
— Ratio correction factor (RCF*)	: 1.026 @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	0.43	0.76	0.90

LOAD TEST DETAILS:

Rated I_p =50A
 R_L =100Ω/0.250W
 U_s =5.0V

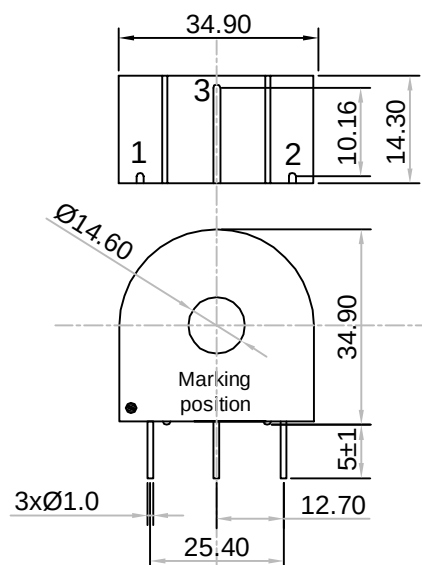
MARKING INFORMATION:

AMGIS
YY/WW CT1050

Trafo Weight:

0.048Kg/pc

MECHANICAL DIMENSIONS:



All dimensions are in mm
Linear dimensional tolerance ± 0.2 mm

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