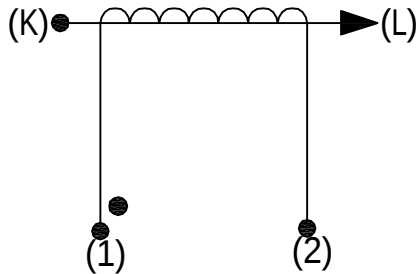




Product Type	Current Transformer
AMGIS Part Number	/E
Customer Part Number	
Place of Manufacture	

SCHEMATIC:



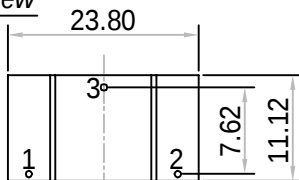
ELECTRICAL SPECIFICATION:

Rated input current	= 15Amps
Primary to Secondary isolation	= 2500VAC
Operating Frequency	= 50 / 60 Hz
Turns Ratio	= 1 : 1000
DC Resistance	= 41.80 Ω
Output Voltage	= 1.5V @ 15A / 100 Ω , 0.0230W
I_o @ V_{rms} : 1.99V	= 513 μ Arms
Ratio Correction factor (RCF*)	= 1.01 @ 10% (Multiply current reading by this factor to compensate for transformer losses)

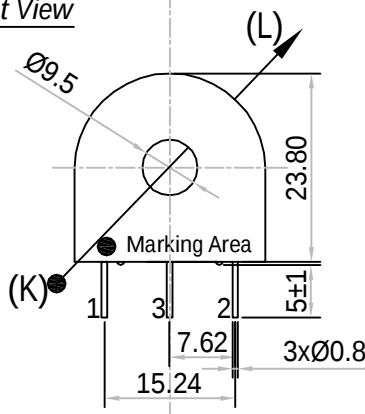
Volt/Amp at rated I_p for different loads			
100 Ω	500 Ω	2000 Ω	5000 Ω
0.10	0.46	0.90	1.12

MECHANICAL SPECIFICATION:

Pin Side View



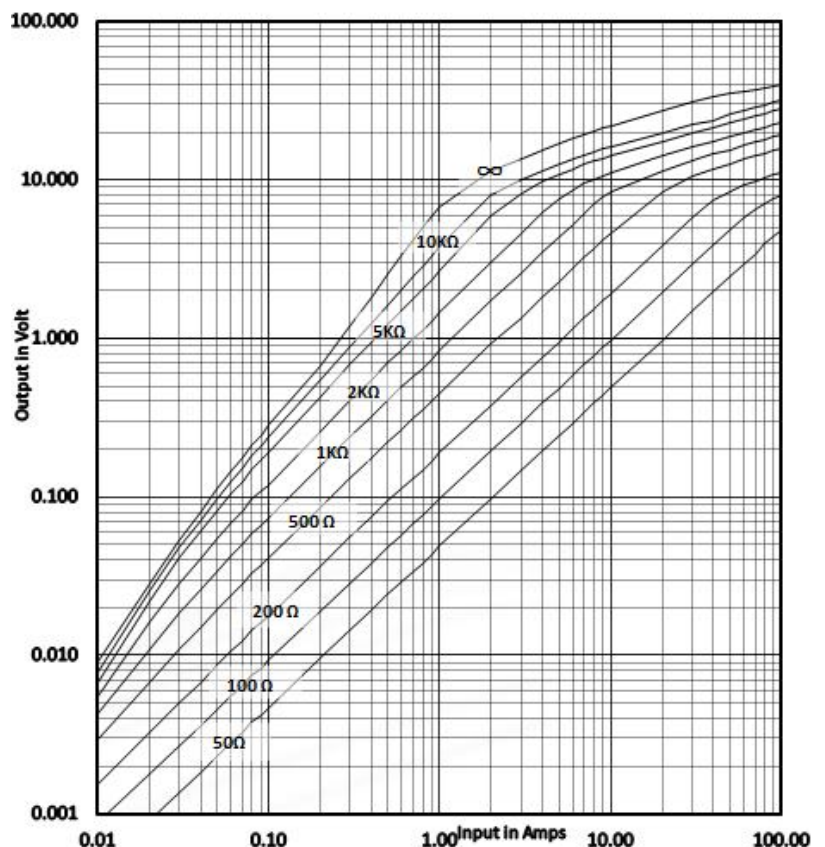
Front View

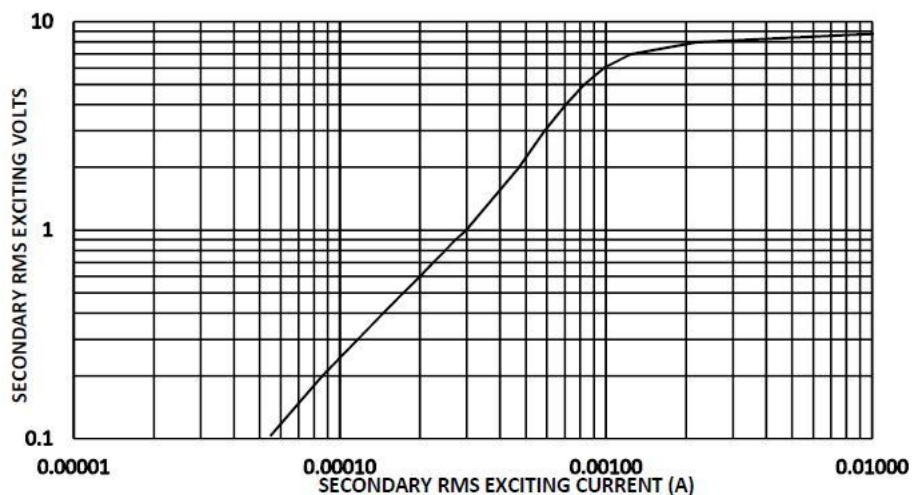
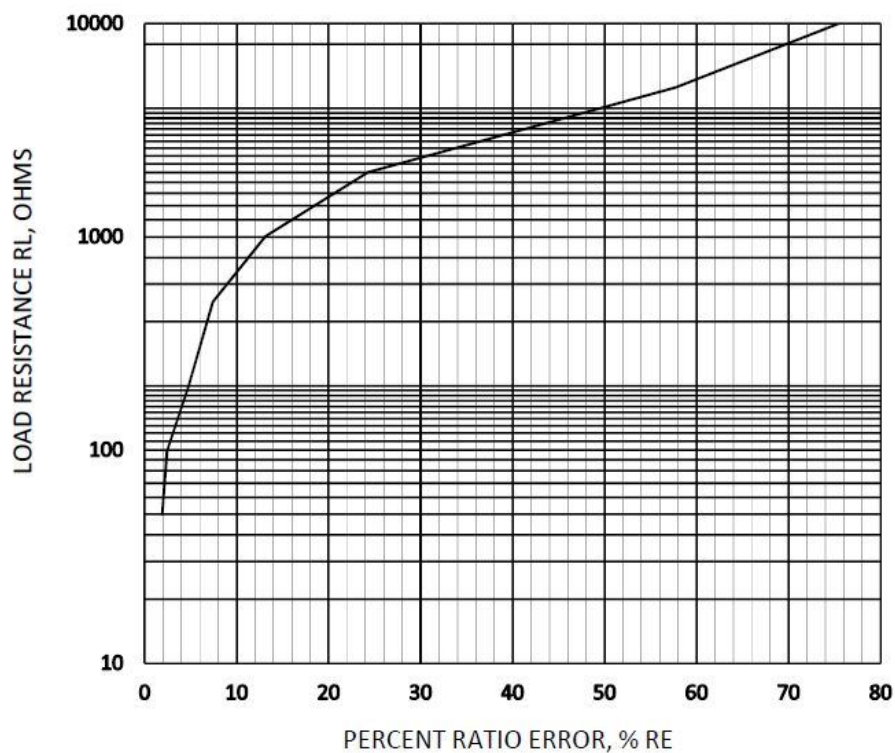


All dimensions are in mm
Linear dimensional tolerance ± 0.2 mm

Note : Un-Used pin $\rightarrow$ #3

OUTPUT RESPONSE vs INPUT CURRENT @ RATED BURDEN :



TYPICAL EXCITATION CURVE :RATIO ERROR (%) vs RATED BURDEN @ INPUT CURRENT :TRAFO WEIGHT:

Approx. Weight = 0.0163 kg / pc

MARKING INFORMATION:

L01-6212
Ac yr / wk code
●
Dot mark for Start pin identification

-----Initial Issue-----	1	0	Balaji. R	18-Nov'2015
Changes	Issue	Rev	Initial	Date