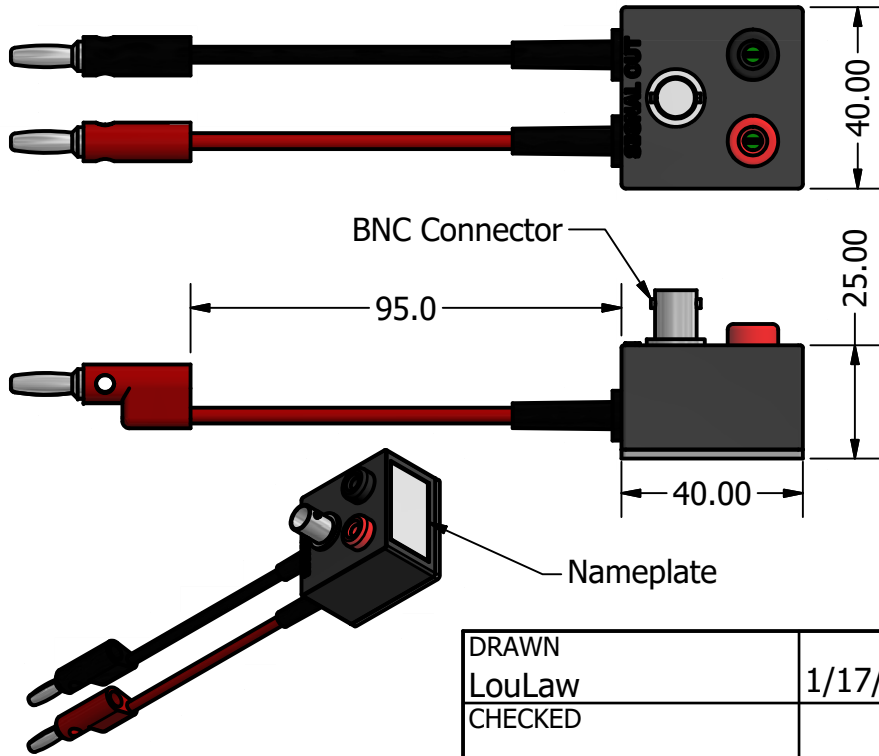


Overview

The GMW-CT-BR-X.XX Burden Resistor Module generates a Voltage Monitor Signal when the current output from a closed-loop current transducer is connected to the current input terminals of a Power Analyzer or DaniSense Interface unit.

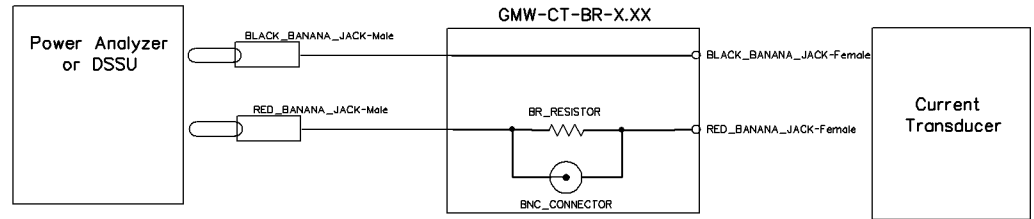


Dimensions in mm
Tolerance x.xx = +/- 0.5mm
Tolerance x.x = +/- 2 mm

REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
	-	Initial Release	2/10/2024	KLL
	B	Updated Schematic	03/30/2024	KLL
	C	Updated resistance values	10/15/2024	KLL

Model Number	Resistance Value	Tolerance %	Rated Current (I)
GMW-CT-BR-10.0	10.0 ohms	+/- .05	100mA
GMW-CT-BR-5.0	5.0 ohms	+/- .05	250mA
GMW-CT-BR-2.5	2.5 ohms	+/- .05	400mA
GMW-CT-BR-1.67	1.666 ohms	+/- .05	600mA
GMW-CT-BR-1.0	1.0 ohms	+/- .05	1200mA
GMW-CT-BR-0.83	0.8333 ohms	+/- .05	1500mA



Schematic

Caution: If the monitor voltage signal is measured with single-ended (grounded) oscilloscope it is essential that the Power Analyzer input is isolated (not grounded)

DRAWN	LouLaw	1/17/2024
CHECKED		
QA		
MFG	Lou Law	2/10/23
APPROVED		
SIZE	A	
SCALE	.6	

TITLE		
<h2>Burden Resistor Module</h2> <h3>GMW-CT-BR-X.XX</h3>		
SIZE	DWG NO	REV
A	GMW-CT-BR-X.XX	C
SCALE	SHEET 1 OF 1	