

IMS Color Coded Solid Core CT Specification

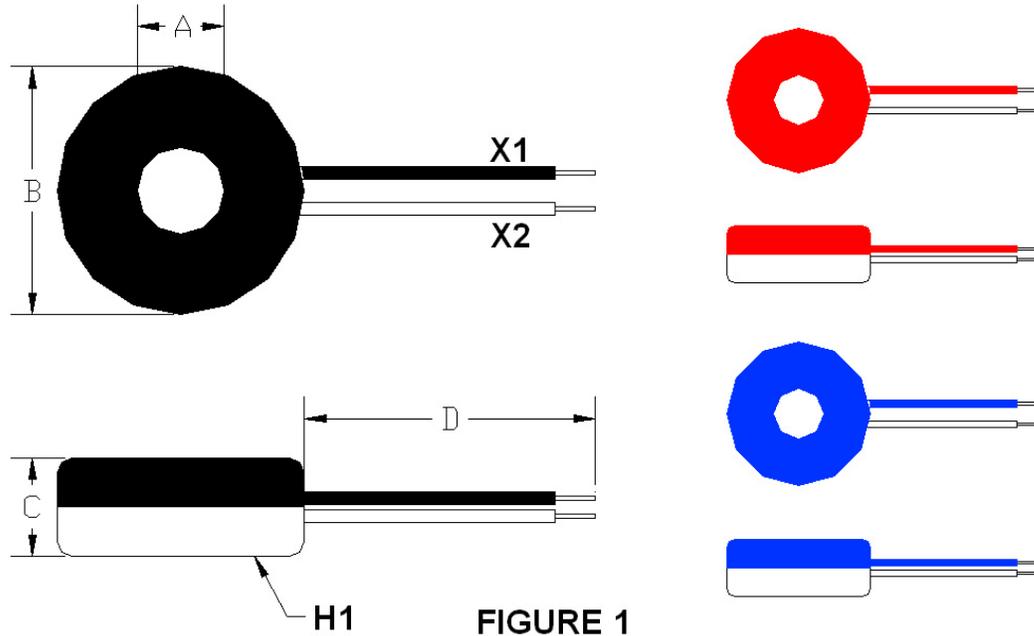


FIGURE 1

Dimensions

	A	B	C (Max.)	D ¹
Inches	0.72	2.06	0.82	48.00
Millimeters	18.3	52.3	20.8	1219.2

¹Standard lead length. Dimension tolerance $\pm 0.10''$ unless otherwise noted. Use approved for lead lengths up to 500 ft. at rated accuracy. Lead wires are UL1015, 18 AWG, rated at 600 volts.

Electrical Characteristics:

For safety considerations, an open circuit protection feature is provided by an internal bi-directional 6.8 volt TVS.

Current (Max.)	Ratio	Ratio Err	Phase Err	Burden Resistor	BIL
220 Amps	200:0.1	< 0.1%	< 6'	21 Ohms Max.	10 KV

Physical Characteristics:

Each current transformer is color coded for ease of installation: Colored lead wires (Black, Red, Blue, White/Black, White/Red or White/Blue) always connect to X1 at the meter. The white leads always connect to X2. The white case half identifies the H1 side, which faces the incoming line. Refer to meter hookup diagrams for more information. See figure 1.

Model Numbers	Phase Color	Description
CT200148BKSO-0.72	Black (L1)	200 AMP current transformer
CT200148RDSO-0.72	Red (L2)	200 AMP current transformer
CT200148BLSO-0.72	Blue (L3)	200 AMP current transformer

