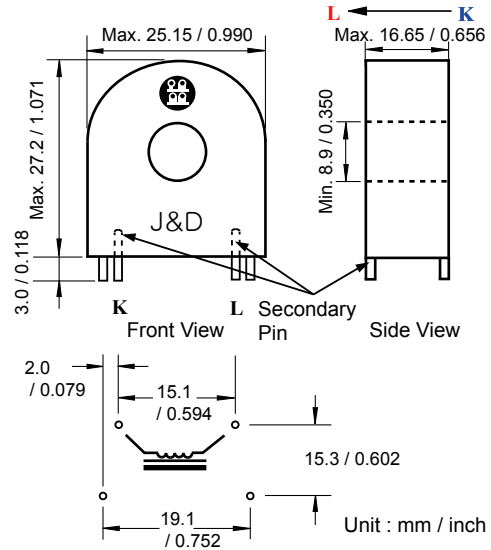


J&D PART NUMBER	STANDARD ACCURACY	FEATURE
JD4V	0.2 Class	Vertical (PCB) Mounting Type

**Electrical Properties**

- ◆ Rated Current for 40A / 16mA
- ◆ Current Range for 1mA~150A
- ◆ DCR for  $190\Omega \pm 10\%$
- ◆ Operating FREC.(Hz) for 50Hz and 60Hz
- ◆ Operating Temp. range for  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- ◆ High-Potential Voltage for a.c 3.5KV / 1min
- ◆ Insulation Resistance for  $100\text{M}\Omega @ 500\text{Vdc}$
- ◆ Data tested at  $T_a = 25^{\circ}\text{C}$
- ◆ Complied to ANSI C12.xx, IEC 62053, -22
- ◆ Custom styles available in 0.1 and 0.5 class

**Drawing**



**Test Circuit**

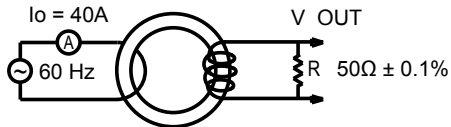


FIGURE 1  
Ratio Error & Phase Shift Test Circuit

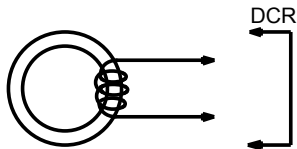
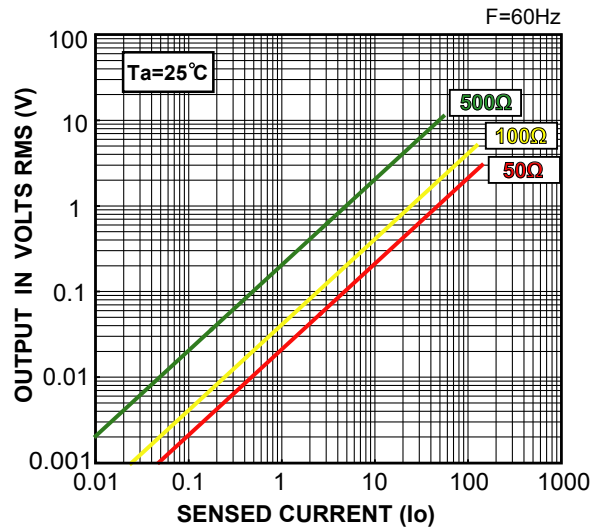


FIGURE 2  
DCR Test Circuit

**Output Voltage Data**



**Accuracy Data**

Test Point	1A	2A	8A	40A	48A
Maximum Linearity Error (%)	± 0.6	± 0.5	± 0.3	± 0.2	± 0.2
Maximum Angle Error in Minutes	± 30'	± 25'	± 15'	± 10'	± 10'