

Precision Current Shunt

CK05



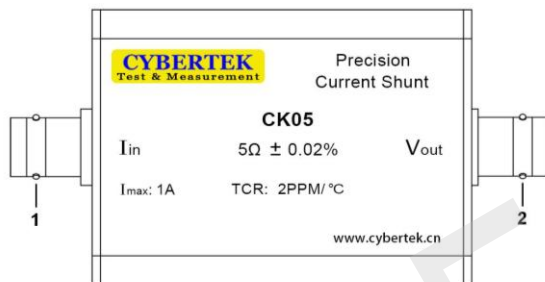
Shenzhen Zhiyong Electronics Co., Ltd

1. Summary

CK05 precision current shunt is designed for the high precision mutual inductor series of our company. Applied with the best VISHAY precision foil resistor, CK05 can realize the output transition from current to voltage. CK05 has standard resistance value of 5Ω , maximum input current around 1A, standard BNC input output port, and characteristics of high precision (0.02%) as well as low temperature drift (2PPM/°C), it also has excellent stability of resistance value under long term load. Able to realize the high precision and highly stable transition from current to voltage

2. Product and Accessories

◆ Product Description



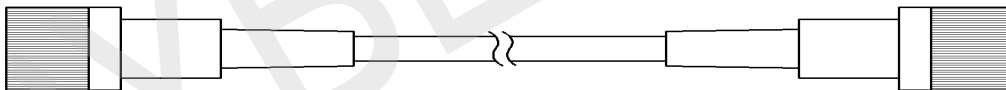
1、 Input Port

BNC female, maximum input current 1A

2、 Output Port

BNC female, voltage output $5 \cdot I_{in}$

◆ Accessories Description



Coaxial Output Cable (CK-310)

3. Product Specification

Standard resistance value	5Ω
Precision	$\pm 0.02\%$
Temperature coefficient	2PPM/°C
Maximum input operating current	1A
Resistance stability under long term load	$\pm 0.005\%$ at 25 °C, 2000 Hour rated load
Operating requirement for humidity and temperature	-20 °C to 40 °C, 80%RH or less
Storing requirement for humidity and temperature	-40 °C to 60 °C, 80% RH or less
Size (Length*Width*Height)	85mm*46mm*30mm
Weight	78g

4. User Tips

- ✧ Please connect the input and output port correctly.
- ✧ Maximum input current 1A

5. Packing List

Packing List	
Name	Amount
CK05	1
BNC cable (CK-310)	1
Instruction manual and warranty card	1
Test report	1

CYBERTEK

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