

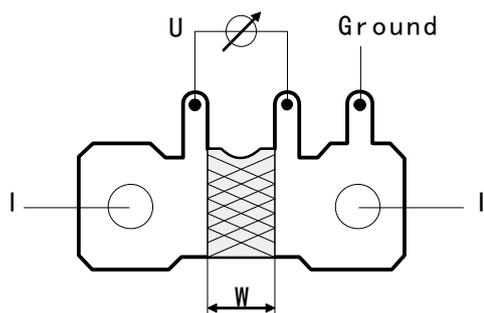
● Features

- I E-beam welded in manganin material
- II Precision accuracy, high strength, stability and reliability
- III Full body for resistance measuring, low heat dissipation, low temperature rise
- IV Proprietary processing technique produce extremely low resistance values

● Applications

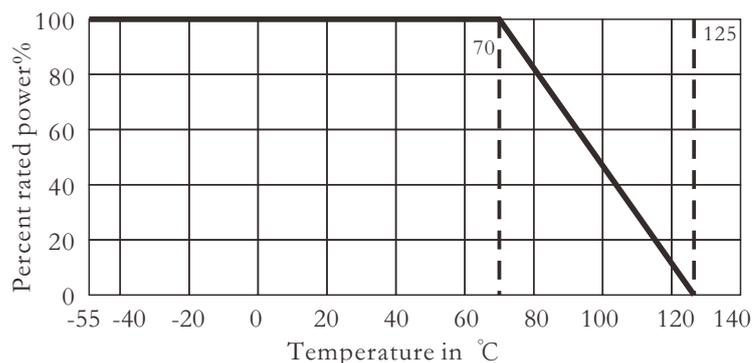
- I Ideally suited for Electronic KWH-meter as sampling sensing shunts
- II Construction with high flexibility, custom designed shunts is available

● Construction

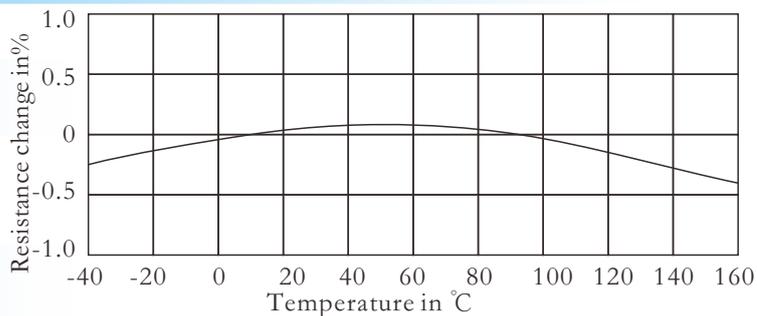


U for voltage terminal
I for current terminal

● Derating Curve



● Resistance Chang VS Temperature



● Reference Standards

Q/ATK047-2007

● Performance

Resistance Value	Tolerance	TCR(°C)	Power(W)	Thickness	Resistance Width
≤100μΩ	± 1%	≤ ± 50PPM/°C	3W	2.0mm	5~10mm
120μΩ	± 5%			1.5mm	
150μΩ	± 10%			1.5mm	
200μΩ				1.2mm	
250μΩ				1.2mm	
300μΩ				1.0mm	
350μΩ				1.0mm	
≥ 500μΩ				1.0mm	

● Ordering Information

Example	PFL (1) Type	10A (2) Rated Current	200μF (3) Resistance	± 10% (4) Resistance Tolerance	Φ4.5 (5) Setting Mode	Plastic Bags (6) Pakaging
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(1)Type:PFL

(2)Rated Current:10A

(3)Resistance:200μΩ

(4)Resistance Tolerance: ± 1%, ± 5%, ± 10%

(5)Setting Mode:Φ4.5,Φ5.2,Φ6.2

(6)Pakaging:Plastic bags, Boxes