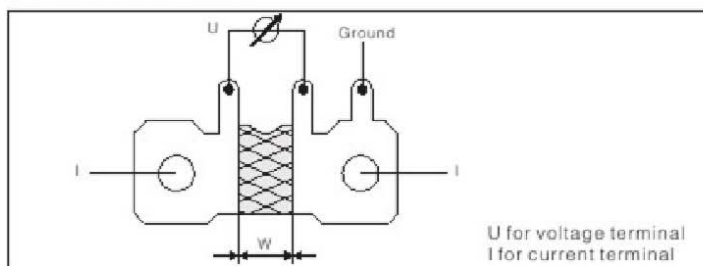


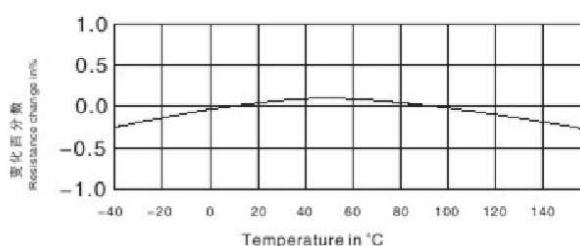
Construction



Features

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

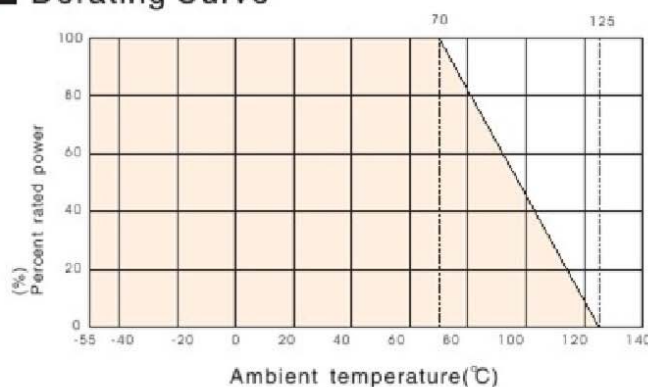
Resistance Chang VS Temperature



Applications

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

Derating Curve



Reference Standards

Q/ATK047-2007

Performance

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

How To Order

Example

PFL	10A	200 μΩ	± 10%	Φ4.5 (M4)	Plastic bags
Type	Rated current	Value	Tolerance	setting mode	Pakaging
PFL	10A	200 μΩ	± 1% ± 5% ± 10%	Φ4.5 Φ5.2 Φ6.2	Plastic bags Boxes