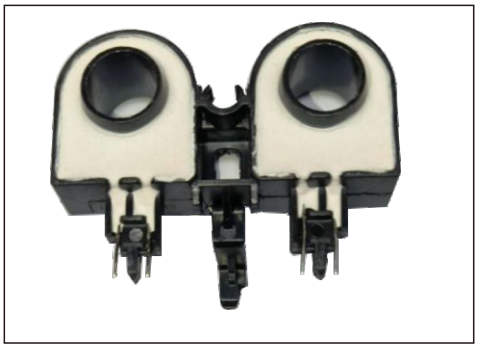
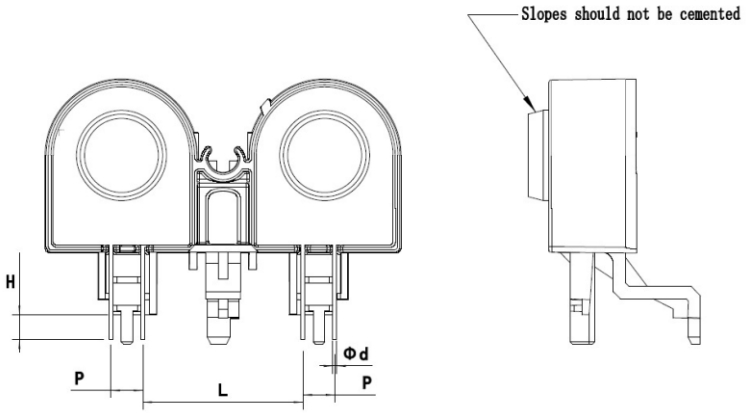


Applications

Suitable for energy metering boards, inverters, charging piles, leakage detection, smart meters and switching power supplies. It samples alternating current and converts large current into weak signals accessible to circuits.

Dimensions



Type	Power	Dimensions(mm)			
		L±0.2	P±0.1	H±0.25	d±0.05
FMP	1W+1W+1W+1W	21.8	4.5	3.75	0.55

Applications And Ratings

Type	Power	Resistance Range (Ω)	Max Working Voltage	Voltage Proof on Insulation	Operating Temp. Range	Temperature Coefficient
FMP	1W*4	1.8KΩ*4	$\sqrt{PxR}$	500V	-55℃ to +155℃	±100ppm/℃

Ordering Information

Example:

FMP	104	J	B	1K800
(1)	(2)	(3)	(4)	(4)
Series Name	Power Rating	Resistance Tolerance	Packaging	Resistance

(1)Type: FMP SERIES

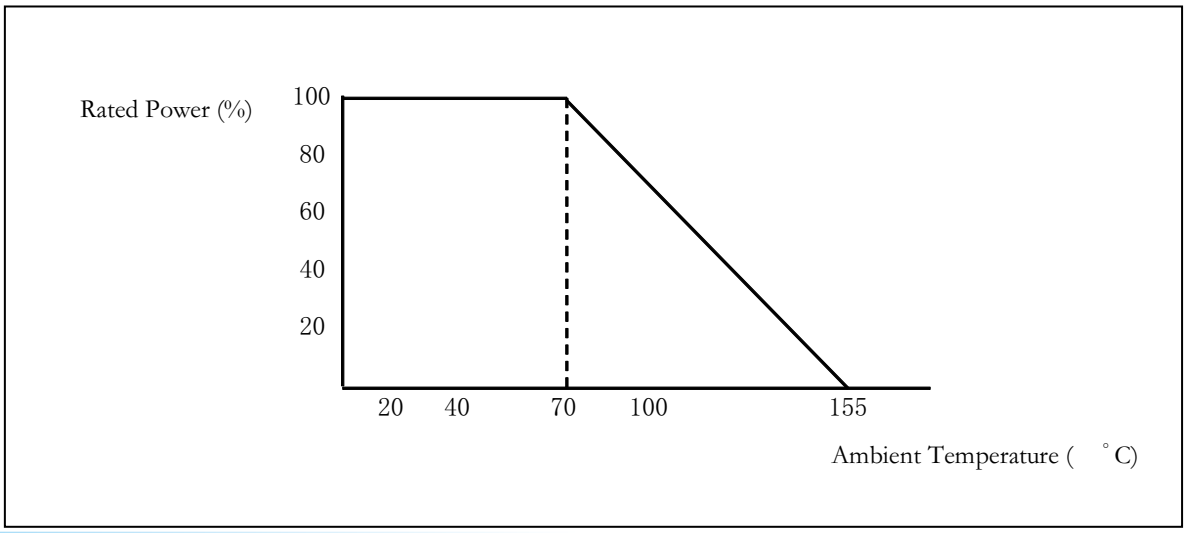
(2)Power Rating: 104=1W+1W+1W+1W

(3)Tolerance:F=±1%、J=±5%

(4)Packaging:B = Bulk

(5)Resistance Value:0R100=0.1Ω,0R220=0.22Ω,10R00=10Ω,1K800=4.7KΩ,1M000=1MΩ

Derating Curve



Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
Short Time Overload	2.5 times RCWV for 5 sec.(Not more than maximum overload voltage)	± 2.0 % + 0.05Ω
Voltage Proof on Insulation	In V-Block for 60 sec. test voltage as above table	No Breakdown
Solderability	245 ± 5° C for 3 ± 0.5 Sec.	95% Min. coverage
Temperature Coefficient	-55° C to +155° C	By Type
Damp Heat Steady State	40 ± 2° C,90-95% RH for 56 days, loaded with 0.1 times RCWV(or Umax., whichever less)	±5.0%+0.05Ω
Endurance at 70° C	70 ± 2° C at RCWV(or Umax., whichever less) for 1,000 Hr.(1.5 Hr.on,0.5 Hr. off)	±5.0%+0.05Ω