

PRECISION POWER SHUNT RESISTORS

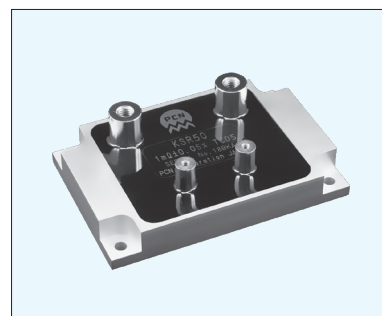
KSR50

Fig.1

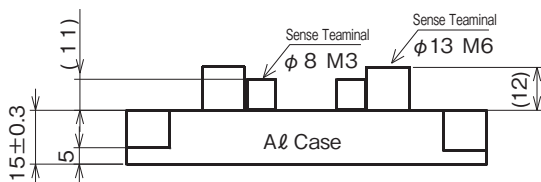
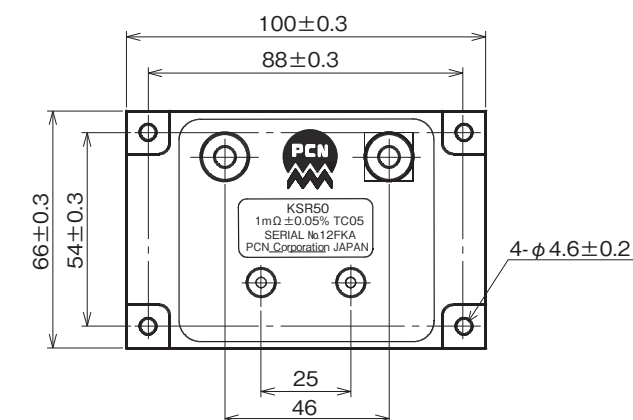
Type	Wattage Rating		Standard Resistance (Ω)	Tolerance (%)	Temp.Coefficient (ppm/°C)	Thermal EMF (0~100°C)	Weight (g)
	Chassis Mounted*	Free Air					
KSR50	50	20	1m, 2m, 5m 10m, 20m, 50m, 100m	±0.05 (A) ±0.1 (B)	±5, ±10	2μV/°C MAX	300

Operating Temp. : -55°C~+125°C

- Max. Current : 220 A (1mΩ)
- Restriction on Temp. of Resistance Element : +125°C
- Test Chassis Dimensions(mm) : 305 x 305 x 3t Al (Thermal Resistance : About 1°C/W)

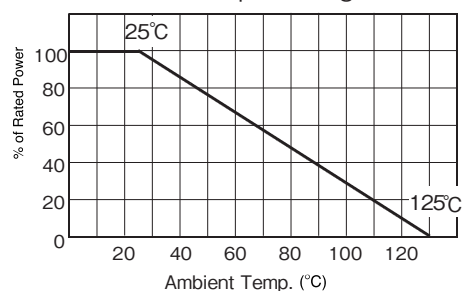


Shape & Dimensions

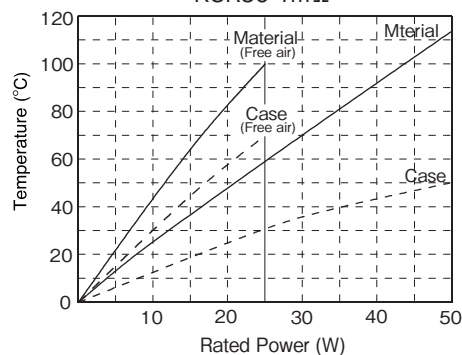


Terminal : Copper nickel-plated
 Sealant : Epoxy resin (Black)

Ambient Temp. Derating Curve



Surface Temp. Versus Power load.
 KSR50 1mΩ



■特性

Parameters	Test Condition	Specification
Short Time Over Load	2 x Wattage Rating 5sec	±0.05%
High Temperature Exposure	Temp. +85°C 1000Hr (Moisture 85%)	±0.05%
Dielectric Strength	AC1000V 1min.	±0.02%
Insulation Resistance	DC500V	1GΩ
Load Life	Load Rating 1.5Hr ON 0.5Hr OFF Repeat 2000Hr	±0.2%
Temp. Coefficient	Standard Temp. +25°C, Test Temp. +100°C	Fig.1

How to order

KSR50 1mΩ A TC05
 Type Resistance Tolerance Temp. Coefficient

└ TC05 : ±5ppm/°C
 TC10 : ±10ppm/°C