



parameter	unit	qualification
Base length X base width	mm	6.5X7.6
Gate length X gate width	mm	2.55X2.55
backing material	Chromogenic phenol aldehyde	
Sensitive fence material	constantane	
The tolerance of the nominal value	$\Omega$	$1000 \pm 3 \Omega$
Standard deviation of average resistance	$\Omega$	$\leq \pm 0.1\%$
Use the temperature range	$^{\circ}\text{C}$	$-30 \sim 60^{\circ}\text{C}$
sensitivity coefficient		2.0~2.2
The sensitivity coefficient is dispersed		$\leq \pm 1\%$
Change the limit		2.0%
Fatigue life ( $\pm 1000$ )	number of times	$\geq 10000000$
Heat transfer coefficient	$\mu\text{m}/\text{m}/^{\circ}\text{C}$	$\leq 2$
Dispersion of average heat output	$\pm \mu\text{m}/\text{m}$	$\leq 30$
Room temperature insulation resistance	$\text{M}\Omega$	10000
mechanical hysteresis	$\mu\text{m}/\text{m}$	1.2
Temperature self-compensation coefficient		11
Enameled Wire	3cm	

The unregistered deviation limit deviation value is not specified

Size and section	f	m	c	v
0~6	$\pm 0.05$	$\pm 0.1$	$\pm 0.2$	$\pm 0.5$
>6~30	$\pm 0.1$	$\pm 0.2$	$\pm 0.5$	$\pm 1.0$
>30~120	$\pm 0.15$	$\pm 0.3$	$\pm 0.8$	$\pm 1.5$
>120~400	$\pm 0.2$	$\pm 0.5$	$\pm 1.2$	$\pm 2.5$
>400~1000	$\pm 0.3$	$\pm 0.8$	$\pm 2$	$\pm 4$
>1000~2000	$\pm 0.5$	$\pm 1.2$	$\pm 3$	$\pm 6$
>2000~6000	$\pm 1$	$\pm 2$	$\pm 4$	$\pm 8$

tab	
Change the file name	date
design	2026-3-3
proofread	
examine and verify	
ratify	

Resistance strain gauge		
Sample labels	weight	scale
		1:1
Total:	Page:	

The crowd's feelings were transmitted

BF1K-3BB-AH(11)T0-F2-XQ3-L