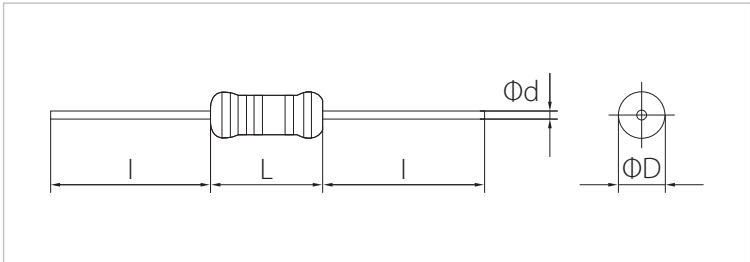


● Dimension

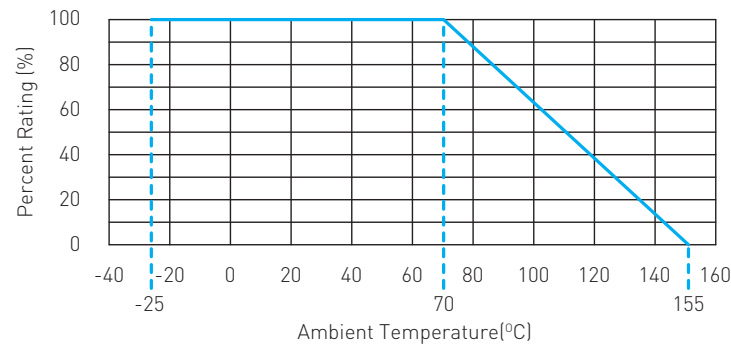


Type	Dimension (mm)			
	L ± 1.0	ΦD ± 0.5	l ± 3.0	Φd ± 0.02
1W	8.5	3.2	26.0	0.7
2W	11.0	4.0	28.0	0.8
3W	15.0	5.5	28.0	0.8

● Type Designation

FNW	01	T1	10R0	J
Products Code	Power Rating	Style	Nominal Resistance	Resistance Tolerance
	01 : 1W 02 : 2W 03 : 3W	T- : Axial Type F-/L- : Punching Type R-/M- : Forming Type	1R00 : 1Ω 10R0 : 10Ω	J : ±5% K : ±10%

● Derating Curve



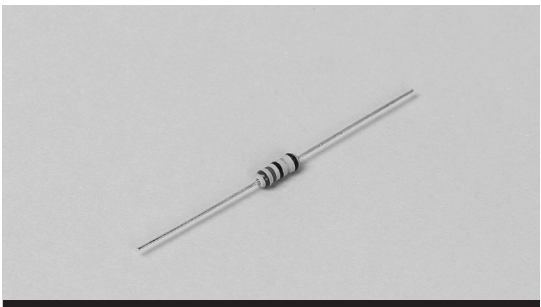
● Rating & Shape

Type	Resistance Range (Ω)	Resistance Tolerance (%)	Operating Temp. Range (°C)	Ambient Temperature (°C)	Axial Type		Punching Type		Forming Type	
					52mm	63mm	F-	L-	R-	M-
1W	0.47~10	G : ±2	-25~+155	70	O	-	O	O	-	-
2W	0.47~10	J : ±5			-	O	O	O	O	-
3W	0.47~10	K : ±10			-	O	O	O	-	O

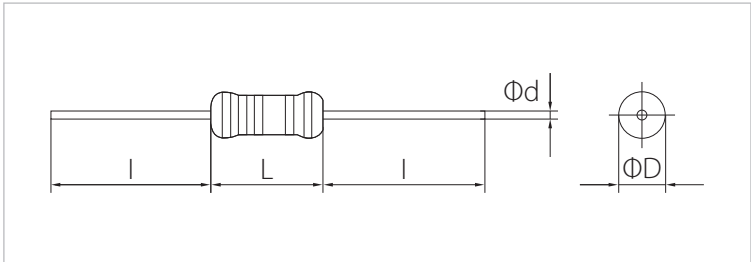
● Performance

Test Items	Performance Requirements	Test Methods
Resistance	With specified tolerance	Measure resistance at 25°C
T.C.R	±350PPM/°C	+25°C/+125°C
Short Time Overload	±[2%+0.1Ω]	Rated power × 10 for 5sec
Resistance Against Soldering Test	±[2%+0.05Ω]	260 ± 5°C, 2~2.5mm, 10 ± 1sec measure resistance After 1hr at room temp
Load Life in Moisture	±[3%+0.1Ω]	40 ± 2°C 90~95%RH, 1.5hr ON/0.5 OFF cycle, 1,000hr
Load Life in Temperature	±[3%+0.1Ω]	70 ± 2°C, 1.5hr ON/0.5 OFF cycle, 1,000hr

Specification given here in may be changed at any time without prior notice. Please confirm technical specifications before you order or use.



● Dimension

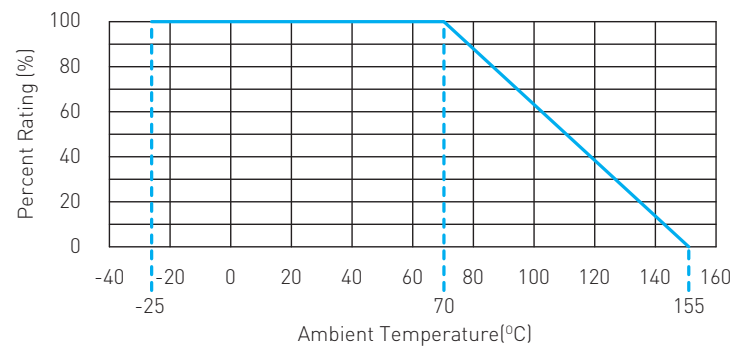


Type	Dimension (mm)			
	L ± 1.0	ΦD ± 0.5	l ± 3.0	Φd ± 0.02
1W	8.5	2.7	26.0	0.6

● Type Designation

BCW	01	T1	10R0	K
Products Code	Power Rating	Style	Nominal Resistance	Resistance Tolerance
	01 : 1W	T- : Axial Type	10R0 : 10Ω	K : ±10%

● Derating Curve



● Rating & Shape

Type	Max. Working Voltage (V)	Range (Ω)	Resistance Tolerance (%)	Operating Temp. Range (°C)	Ambient Temperature (°C)	Axial Type
						52mm
1W	50	10~15	K : ±10	-25~+155	70	O

● Performance

Test Items	Performance Requirements	Test Methods
Resistance	With specified tolerance	Measure resistance at 25°C
T.C.R	±4000PPM/°C	+25°C/+125°C
Short Time Overload	±[5%+0.1Ω]	Rated power × 10 for 5sec
Resistance Against Soldering Test	±[2%+0.05Ω]	260 ± 5°C, 2~2.5mm, 10 ± 1sec measure resistance After 1hr at room temp
Load Life in Moisture	±[5%+0.1Ω]	40 ± 2°C 90~95%RH, 1.5hr ON/0.5 OFF cycle, 1,000hr
Load Life in Temperature	±[5%+0.1Ω]	70 ± 2°C, 1.5hr ON/0.5 OFF cycle, 1,000hr

Specification given here in may be changed at any time without prior notice. Please confirm technical specifications before you order or use.