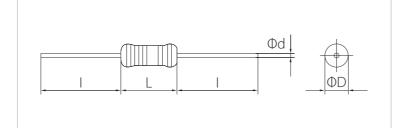


FNW is fusible wire wound resistor that is wound with special fusing wire on a high quality ceramic rod and protected by special high temperature silicon coating. This fusing type offering effect control surge is the most suitable for precision power circuit applications.

# Features

- -Quick fusing at an excessive over load.
- -Safe with flaming due to flaming proof coating.
- -High reliability for performance.
- -Excellent pulse characteristic.

#### Dimension

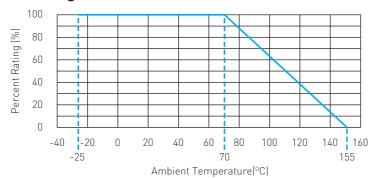


Tuna	Dimension (mm)					
Туре	L ± 1.0	ΦD ± 0.5	I ± 3.0	Φd ± 0.02		
1W	8.5	3.2	26.0	0.7		
2W	11.0	4.0	28.0	0.8		
3W	15.0	5.5	28.0	0.8		

# 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	Resistance	Operating Temp.	Ambient	Axial	Туре	Punchi	ng Type	Formin	ngType
Турс	Range (Ω)	Tolerance (%)	Range (°C)	Temperature (°C)	52mm	63mm	F-	L-	R-	M-
1W	0.47~10	G:±2			0	-	0	0	-	-
2W	0.47~10	J:±5	-25~+155	70	-	0	0	0	0	-
3W	0.47~10	K:±10			-	0	0	0	-	0

#### Performance

Test Items	Performance Requirements	Test Methods
Resistance	With specified tolerance	Measure resistance at 25℃
T.C.R	±350PPM/℃	+25°C/+125°C
Short Time Overload	±[2%+0.1Ω]	Rated power × 10 for 5sec
Resistance Against Soldering Test	±[2%+0.05Ω]	$260 \pm 5$ °C, $2 \sim 2.5$ mm, $10 \pm 1$ sec 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℃, 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.



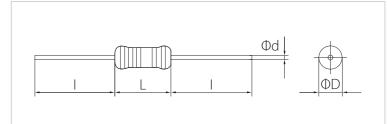


BCW is fusible wire wound resistor that is wound with special wire on a high quality ceramic rod and protected by special high temp Silicon coating. This resistor offering effect control In-Rush and Fusing, both are the most suitable for precision power circuit applications.

#### Features

- -Effect In-Rush current.
- -Quick fusing at an excessive over load.
- -Safe with flaming due to flaming proof coating.
- -High reliability for performance.

# Dimension

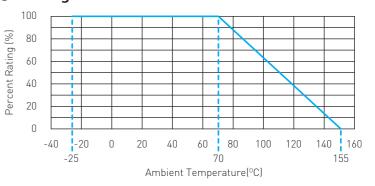


Type -	Dimension (mm)					
	L ± 1.0	ΦD ± 0.5	I ± 3.0	Φd ± 0.02		
1W	8.5	2.7	26.0	0.6		

## Type Designation

,,	9				
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	Range (Ω)	Resistance	Operating Temp.	Ambient	Axial Type
.)	Voltage (V)	1 131 190 (24)	Tolerance (%)	Range (°C)	Temperature (°C)	52mm
1W	50	10~15	K:±10	-25~+155	70	0

#### Performance

Test Items	Performance Requirements	Test Methods			
Resistance	With specified tolerance	Measure resistance at 25℃			
T.C.R $\pm 4000$ PPM/°C Short Time Overload $\pm [5\% + 0.1\Omega]$		+25°C/+125°C			
		Rated power × 10 for 5sec			
Resistance Against $\pm [2\%+0.05\Omega]$		$260 \pm 5$ °C, $2 \sim 2.5$ mm, $10 \pm 1$ sec 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 $\pm [5\%+0.1\Omega]$		70 ± 2℃, 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.