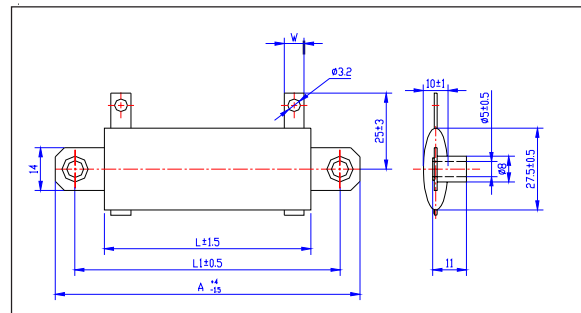


Power Wirewound Resistors  
Non Flammable



Dimensions

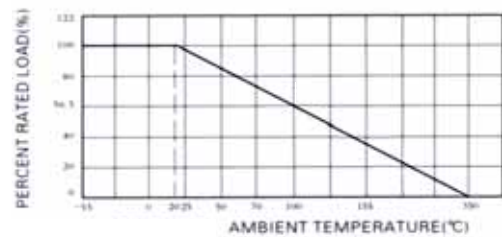
Type	Power rating	Dimensions(mm)			
		A	L1	L	W
RXB20	30W	64	51	32	5
RXB21	40W	83	70	51	5
RXB22	55W	120	108	89	5
RXB23	70W	152	140	120	6
RXB24	95W	184	171	152	6



Technical Specifications

Type	Power rating	Resistors range	Resistance tolerance	Operating temp. range
RXB20	30W	0R1 - 7K5	R ≥ 1Ω	-55°C ~ 200°C
RXB21	40W	0R1 - 10K	± 5% (J)	
RXB22	55W	0R1 - 30K	R ≤ 1Ω	
RXB23	70W	0R1 - 47K	± 10% (K)	
RXB24	95W	0R1 - 60K		

Power Derating Curve



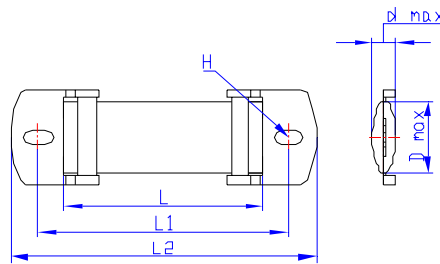
Characteristics:

Non Flammable, Excellent Heat Resistance, Easy to mount

Characteristics	Test methods	Specifications
Power rating load	JIS-5202 5-4 hold the resistor horizontally and load the specified power for 30 minutes	Temperature 350°C max
Dielectric withstanding voltage	JIS-C-5202 5-7 AC1000V 1 minute	No evidence of mechanical damage or insulation breakdown
Short-time overload	JIS-C-5202 5-5 1000% rated power 5 seconds	No evidence of mechanical damage , ΔR ≤ ± ( 2%R+0.05Ω )
Terminal strength	JIS-C-5202 6-1 4.5Kgf 30 seconds	No evidence of mechanical damage
Solderability	JIS-C-5202 6-5 270°C±10°C , 5±0.5s.	75% coverage min
Vibration	JIS-C-5202 6-3 1.5mm 10 ~ 55Hz/1minute X,Y,Z 2hours each	No evidence of mechanical damage
Heat resistance	JIS-C-5202 7-2 350°C±5°C 2hours	No deterioration of protective coatings or markings ΔR ≤ ± ( 2%R+0.05Ω )
Heat shock	JIS-C-5202 7-3 power rating load 30 minutes-- -55°C 15 minutes	No evidence of mechanical damage , ΔR ≤ ± ( 2%R+0.05Ω )
Load life in humidity	JIS-C-5202 7-9 40°C±2°C , 90% ~ 95% 10% rated power load 90 minutes ON 30 minutes OFF 500 hours	No evidence of mechanical damage , ΔR ≤ ± ( 2%R+0.05Ω ) 。 insulation resistance 10MΩmin
Load life	JIS-C-5202 7-10 100% rated power load 90 minutes ON 30 minutes OFF 500 hours.	No deterioration of protective coatings or markings , ΔR ≤ ± ( 5%R+0.05Ω )
Flame retardant	JIS-C-5202 7-13 100 ~ 600% rated power load	No evidence of flaming or arcing

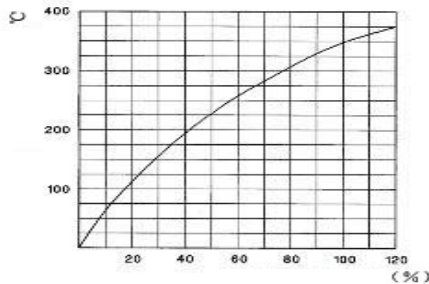
Revision 200809

Power Wirewound Resistors  
Non Flammable

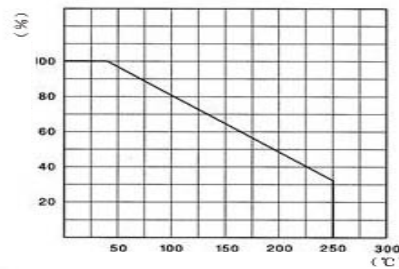


Characteristics: Non Flammable, Excellent Heat Resistance, Easy to mount

Temperaure Rise Curve



Derating Curve



Technical Specifications:

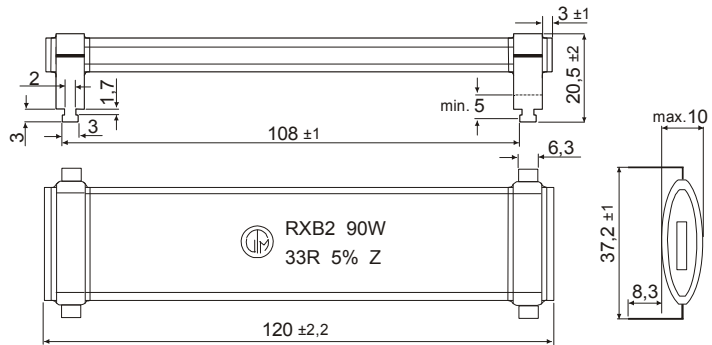
Type	P <sub>25</sub> Rate power	Resistance Range	Critical		Temperature Range	Dimensions (mm)					
			VOLT (V)	RES. (kΩ)		L	L1	L2	D (max)	d (max)	H
RXB1-40	40W	0R1 - 6K8	360	3.2	-50°C to 250°C	50	67	86	37	10	5.5×10
RXB1-65	65W	0R1 - 18K	960	14		90	107	126	37	10	5.5×10
RXB1-90	90W	0R1 - 27K	1400	21		120	137	156	37	10	5.5×10
RXB1-180	180W	0R1 - 47K	1900	20		150	170	190	59	12	6.5×10

Tol. 5% (< 1R tol. 10%)

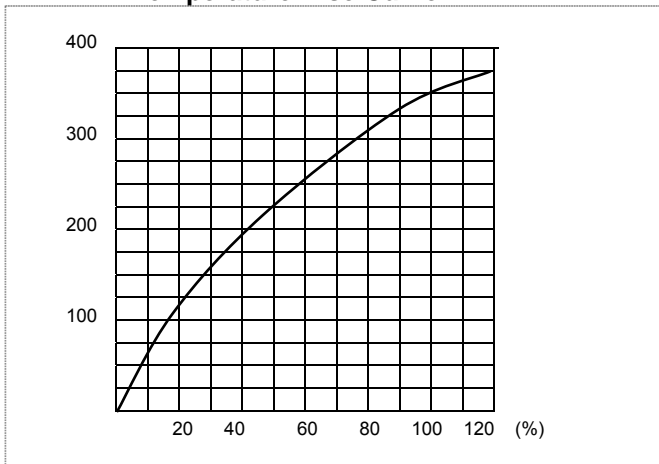
Characteristics:

Characteristics	Test methods	Specifications
Power rating load	JIS-5202 5-4 hold the resistor horizontally and load the specified power for 30 minutes	Temperature 350°C max
Dielectric withstanding voltage	JIS-C-5202 5-7 AC1000V 1 minute	No evidence of mechanical damage or insulation breakdown
Short-time overload	JIS-C-5202 5-5 1000% rated power 5 seconds	No evidence of mechanical damage , ΔR± ( 2%R+0.05Ω )
Terminal strength	JIS-C-5202 6-1 4.5Kgf 30 seconds	No evidence of mechanical damage
Solderability	JIS-C-5202 6-5 270°C±10°C , 5±0.5s。	75% coverage min
Vibration	JIS-C-5202 6-3 1.5mm 10 ~ 55Hz/1minute X,Y,Z 2hours each	No evidence of mechanical damage
Heat resistance	JIS-C-5202 7-2 350°C±5°C 2hours	No deterioration of protective coatings or markings ΔR± ( 2%R+0.05Ω )
Heat shock	JIS-C-5202 7-3 power rating load 30 minutes-- -55°C 15 minutes	No evidence of mechanical damage , ΔR± ( 2%R+0.05Ω )
Load life in humidity	JIS-C-5202 7-9 40°C±2°C , 90% ~ 95% 10% rated power load 90 minutes ON 30 minutes OFF 500 hours	No evidence of mechanical damage , ΔR± ( 2%R+0.05Ω ) 。 insulation resistance 10MΩmin
Load life	JIS-C-5202 7-10 100% rated power load 90 minutes ON 30 minutes OFF 500 hours.	No deterioration of protective coatings or markings , ΔR± ( 5%R+0.05Ω )
Flame retardant	JIS-C-5202 7-13 100 ~ 600% rated power load	No evidence of flaming or arcing

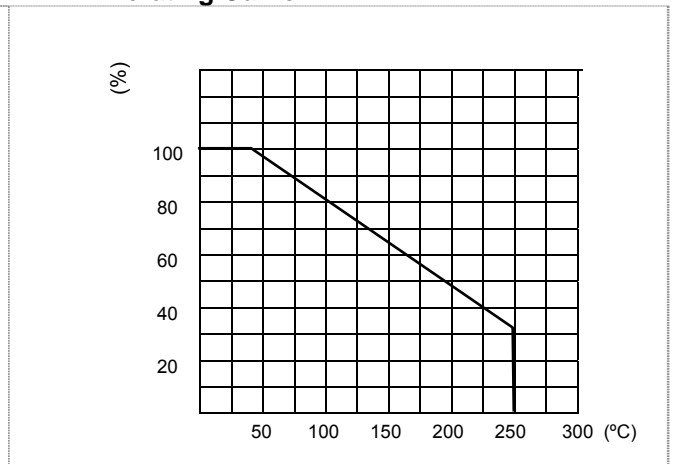
**Power Wirewound Resistors  
Non Flammable**



**Temperature Rise Curve**



**Derating Curve**



**Technical Specifications:**

Type	P <sub>25</sub> Rate power	Resistance range	Critical		Temperature range
			VOLT (V)	RES.(kΩ)	
RXB2-90	90W	0R1 – 27K 5% (<1R 10%)	1400	21	-50 °C to 250°C

**Characteristics: Non Flammable, Excellent Heat Resistance, Easy to mount**

Characteristics	Test methods	Specifications
Power rating load	JIS-5202 5-4 hold the resistor horizontally and load the specified power for 30 minutes	Temperature 350°C max
Dielectric withstanding voltage	JIS-C-5202 5-7 AC1000V 1 minute	No evidence of mechanical damage or insulation breakdown
Short-time overload	JIS-C-5202 5-5 1000% rated power 5 seconds	No evidence of mechanical damage, ΔR ≤ ± (2%R+0.05Ω)
Terminal strength	JIS-C-5202 6-1 4.5Kgf 30 seconds	No evidence of mechanical damage
Solderability	JIS-C-5202 6-5 270°C±10°C, 5±0.5s.	75% coverage min
Vibration	JIS-C-5202 6-3 1.5mm 10~55Hz/1minute X,Y,Z 2hours each	No evidence of mechanical damage
Heat resistance	JIS-C-5202 7-2 350°C±5°C 2hours	No deterioration of protective coatings or markings ΔR ≤ ± (2%R+0.05Ω)
Heat shock	JIS-C-5202 7-3 power rating load 30 minutes-- -55°C 15 minutes	No evidence of mechanical damage, ΔR ≤ ± (2%R+0.05Ω)
Load life in humidity	JIS-C-5202 7-9 40°C±2°C, 90%~95% 10% rated power load 90 minutes ON 30 minutes OFF 500 hours	No evidence of mechanical damage, ΔR ≤ ± (2%R+0.05Ω) 。 insulation resistance 10MQmin
Load life	JIS-C-5202 7-10 100% rated power load 90 minutes ON 30 minutes OFF 500 hours.	No deterioration of protective coatings or markings, ΔR ≤ ± (5%R+0.05Ω)
Flame retardant	JIS-C-5202 7-13 100~600% rated power load	No evidence of flaming or arcing