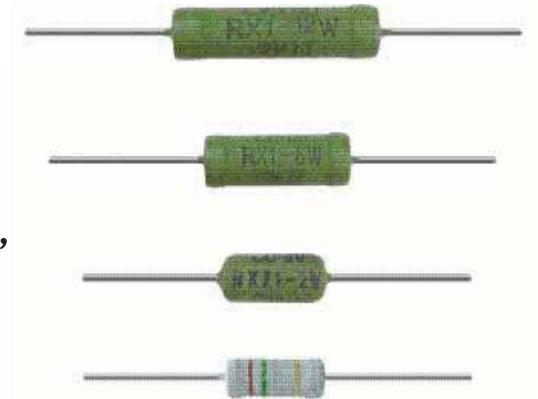


Coated Wirewound Resistors

Type: RX21

Sizes: RX21-1/2W, RX21-1W (2W),
 RX21-2W (3W), RX21-4W (5W, 6W),
 RX21-8W, RX21-10W, RX21-12W



Features:

- Low noise
- Excellent linearity
- High temperature resistant
- High load power
- Grey or green coating, color or character marking
- Excellent safety

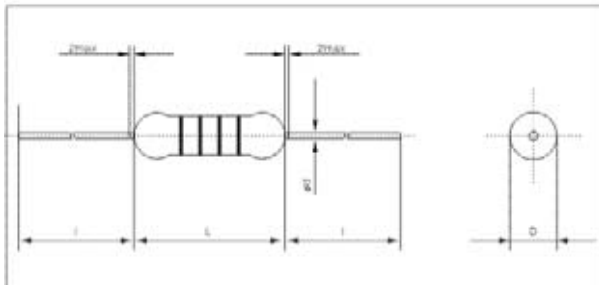
Applications:

- Used in all kinds of electrical device, such as battery charges

Reference Standard:

Q/ATK01—2003

■ Construction(mm)

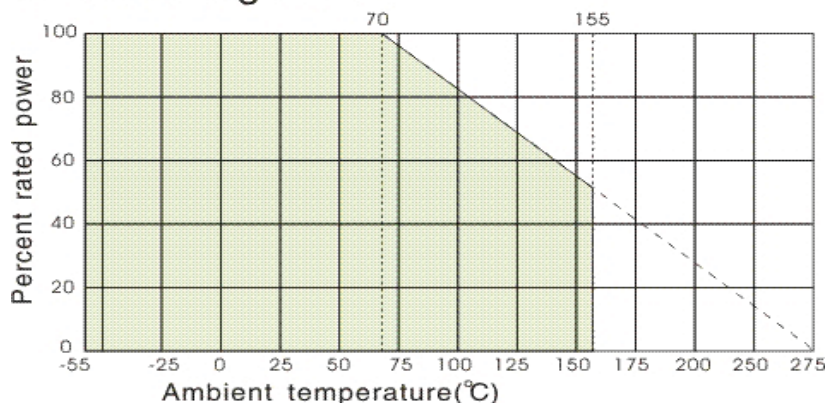


Dimensions:

Type	L	D	d±0.05	l±3
RX21-1/2W	10.5	3.9	0.7	25
RX21-1W (2W)	14.0	5.5	0.8	33
RX21-2W (3W)	17.0	6.5	0.8	32
RX21-4W (5W, 6W)	26.0	9.0	0.8	28
RX21-8W	34.0	10.0	1.0	28
RX21-10W	40.0	10.0	1.0	28
RX21-12W	48.0	10.0	1.0	28

Dimensions in mm

Derating Curve



Ratings

Type	Rated power	Resistance ranges		TCR (PPM)	Rated ambient temperature	Operating temperature range
		F(±1%)	J(±5%)			
RX21-1/2W	1/2W	1R0~68R	1R0~68R	≥10Ω ±250PPM 5Ω≤R<10Ω ±500PPM ≤5Ω no request	70°C	-55°C ~ 155°C
RX21-1W (2W)	1W (2W)	1R0~300R	1R0~300R			
RX21-2W (3W)	2W (3W)	1R0~3K3	1R0~3K3			
RX21-4W (5W,6W)	4W (5, 6W)	1R0~8K3	1R0~8K3			
RX21-8W	8W	1R0~27K	1R0~27K			
RX21-10W	10W	1R0~33K	1R0~33K			
RX21-12W	12W	1R0~39K	1R0~39K			

Performance

Test item	Specifications	Test method
Short time overload	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	10P _R , 5S
Rapid change of temperature	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	-55°C ~ 155°C, 30min 5cycles
Solder resistance	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	350 ± 10°C, 3.5 ± 0.5S
Climatic category	$\Delta R \leq \pm(5\%R + 0.1\Omega)$	155°C, 16h/+55°C, RH93 ± 3%, 24h/ -55°C, 2h/8.5kpa, 15~35°C, 1h
Endurance at 70°C	$\Delta R \leq \pm(5\%R + 0.1\Omega)$	70 ± 2°C, P _R , 1000h

How to Order

Example

