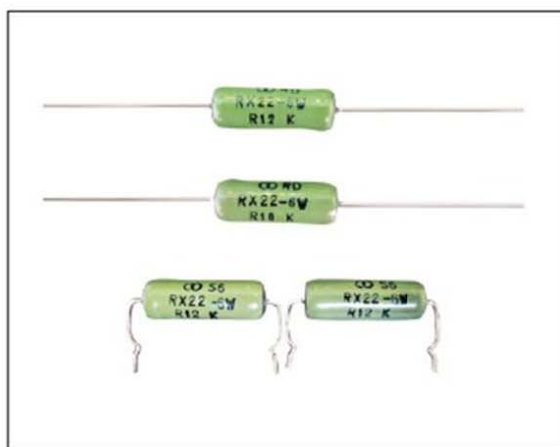
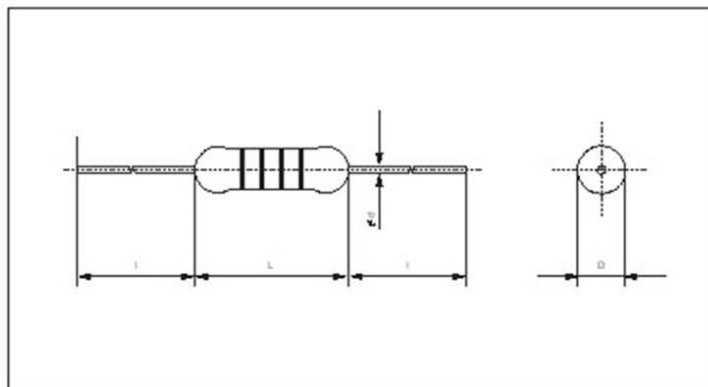


RX22

Vitreous enameled wire-wound resistors



Construction(mm)



Features

- Full welded structure
- High load
- Used in harsh environment
- Excellent stability, high reliability

Dimensions(mm)

Type	Dimensions(mm)			
	Lmax	Dmax	L ± 3	φ d ± 0.05
RX22-2W	13.0	5.5	30.0	0.8
RX22-3W	16.0	6.5	30.0	0.8
RX22-4W	19.0	7.5	30.0	0.8
RX22-6W	25.0	9.0	30.0	0.8
RX22-8W	32.0	9.5	30.0	1.0
RX22-10W	36.0	9.5	30.0	1.0
RX22-12W	46.0	9.5	30.0	1.0

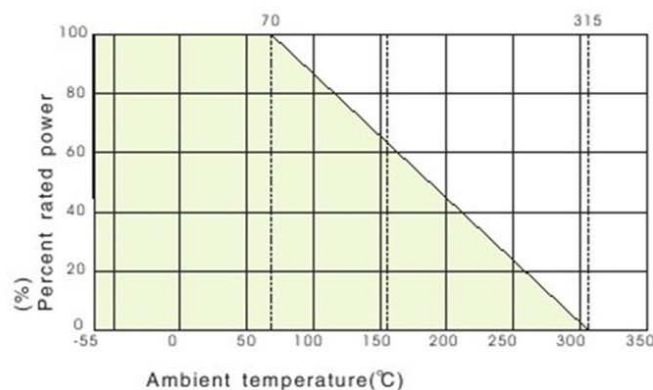
Applications

- Widely used in DC or low frequency AC circuit, especially in harsh condition.

Reference Standards

Q/ATK 077-2005

Derating Curve



RX22 Vitreous enameled wire-wound resistors



Technical Specifications

Type	Rated Power	范围 Resistance Range	Tolerance	(ppm/°C) Temperature coefficient
RX22-2W	2W	1 ~ 300	± 5% ± 10%	$\geq 10 \Omega$ $TCR \leq \pm 250$ $5 \Omega \leq R < 10 \Omega$ $TCR \leq \pm 500$ $< 5 \Omega$
RX22-3W	3W	1 ~ 1K		
RX22-4W	4W	0.5 ~ 2K		
RX22-6W	6W	0.1 ~ 5K1		
RX22-8W	8W	0.1 ~ 15K		
RX22-10W	10W	0.1 ~ 22K		
RX22-12W	12W	0.1 ~ 39K		

Performance

Test Item	Specifications	Test Methods
Short time overload	$\Delta R \leq \pm(1\%R + 0.05 \Omega)$	$10 \times P_R, 5S$
Leaching	$\Delta R \leq \pm(1\%R + 0.05 \Omega)$	$350 \pm 10^\circ C, 3.5 \pm 1S$
Vibration	$\Delta R \leq \pm(1\%R + 0.05 \Omega)$	10Hz ~ 500Hz 98m/s ² 6h
Bump	$\Delta R \leq \pm(1\%R + 0.05 \Omega)$	25g 1000次
Rapid change of temperature	$\Delta R \leq \pm(1\%R + 0.05 \Omega)$	$-55^\circ C / 315^\circ C, 30min$
Endurance at 70°C	$\Delta R \leq \pm(5\%R + 0.1 \Omega)$	$70^\circ C, P_R, 1000h$
Surface temperature rise	$\leq 275^\circ C$	

How To Order

Example

Rx22	2W	10Ω	± 5%	± 250ppm	box
Type	Power	Nominal Value	Tolerance	TCR	Packaging
Rx22	2W ~ 12W	10Ω	± 5% ± 10%	± 250ppm ± 500ppm	box bag