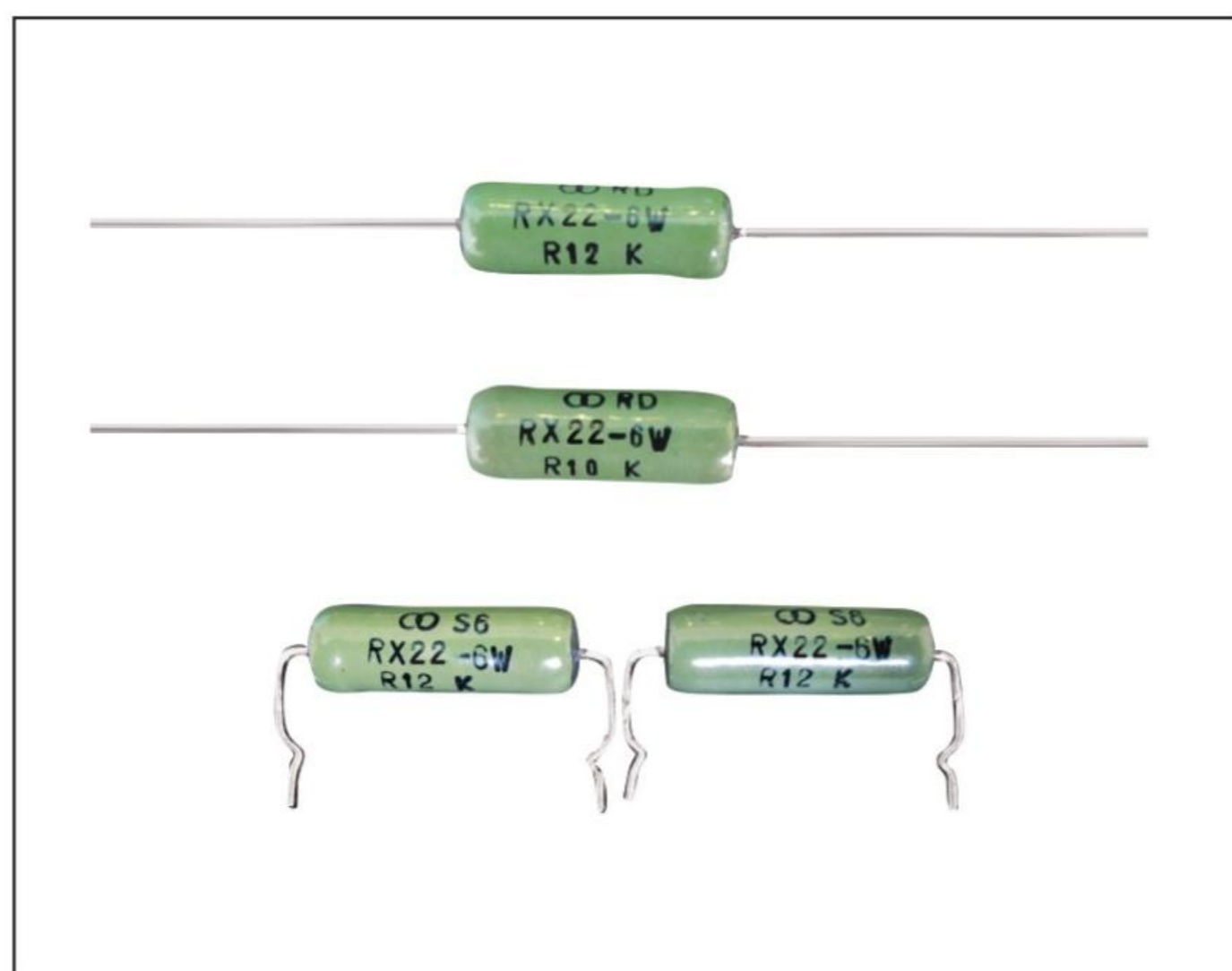
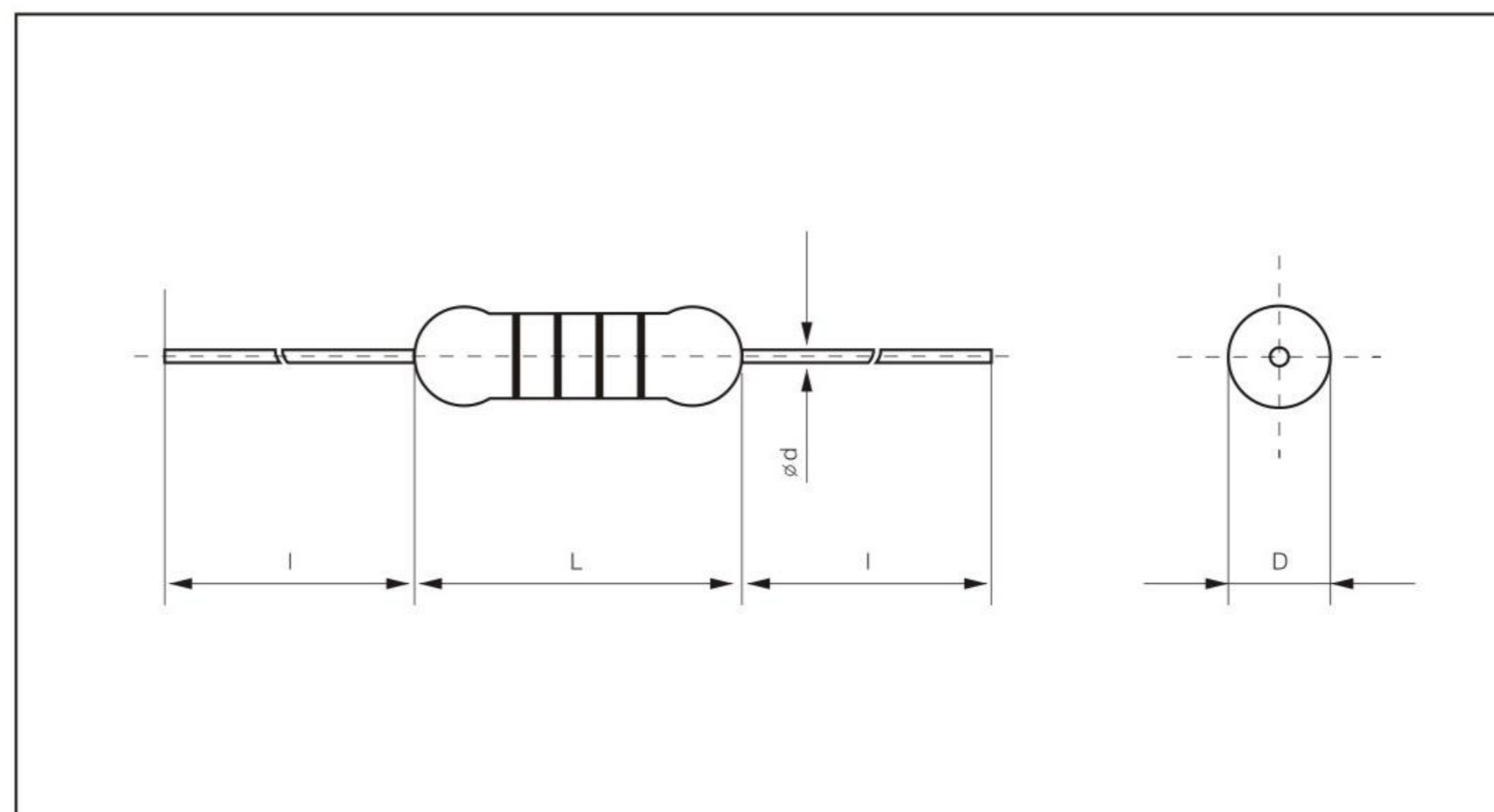


RX22 Vitreous enameled wire-wound resistors



Construction(mm)



Features

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

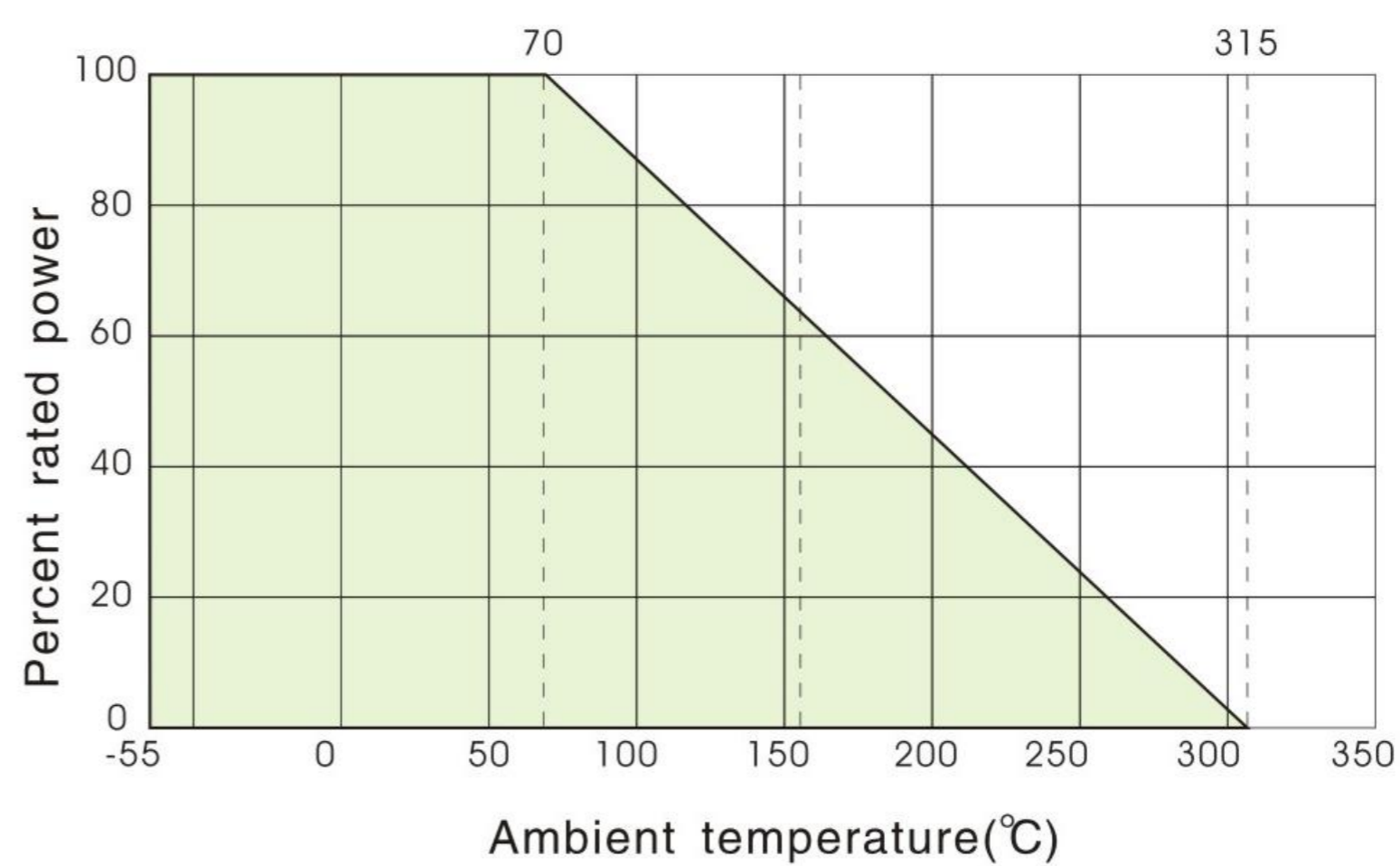
Dimensions(mm)

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.

Derating Curve



Reference Standards

Q/ATK 077-2005

RX22 Vitreous enameled wire-wound resistors



■ Technical Specifications

Type	Rated Power	Resistance Range	Tolerance	(10 ⁻⁶ /K) Temperature coefficient
RX22-2W	2W	1 ~ 300	±5% ±10%	≥10Ω TCR ≤ ±250 5Ω ≤ R < 10Ω TCR ≤ ±500 < 5Ω
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	$\Delta R \leq \pm(1\%R + 0.05\Omega)$	$350 \pm 10^\circ\text{C}$ 3.5 ± 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°C/315°C, 30min, 3次
Endurance at 70°C	$\Delta R \leq \pm(5\%R + 0.1\Omega)$	70°C P_R 1000h
Surface temperature rise	≤275°C	

■ How To Order

Example

Rx22	2W	10Ω	±5%	±250(10 ⁻⁶ /K)	box
Type	Power	Nominal Value	Tolerance	TCR	Packaging
Rx22	2W ~ 12W	10Ω	±5% ±10%	±250(10 ⁻⁶ /K) ±500(10 ⁻⁶ /K)	box bag