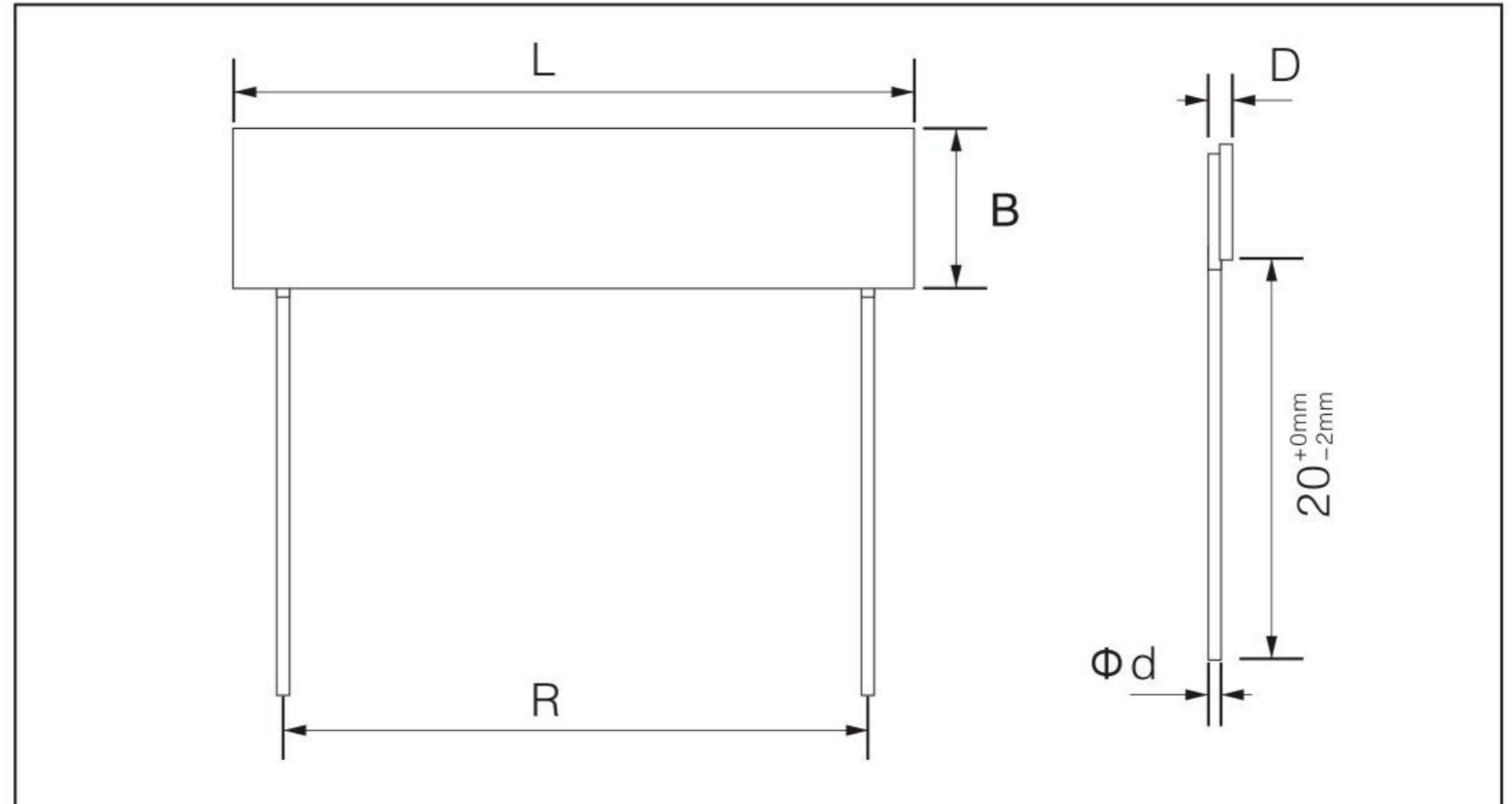


Construction(mm)



Features

- High value thick film resistors
- Variable lead span
- Resistance values up to 1 Teraohm
- Excellent values of tolerance, TCR and VCR
- Untrimmed for higher Working Voltage

Dimensions(mm)

(size)	L	B	D	R	d
1210	3.2	2.5	0.9	2.0	0.40 ^{±0.05}
25	3.8	5.0	1.0	2.5	0.40 ^{±0.05}
2512	6.3	3.5	1.0	5.5	0.40 ^{±0.05}
4020	10.2	5.1	1.0	9.5	0.40 ^{±0.05}

L=Length,B=Width,D=Thickness,
C=Width of wraparound (in mm)

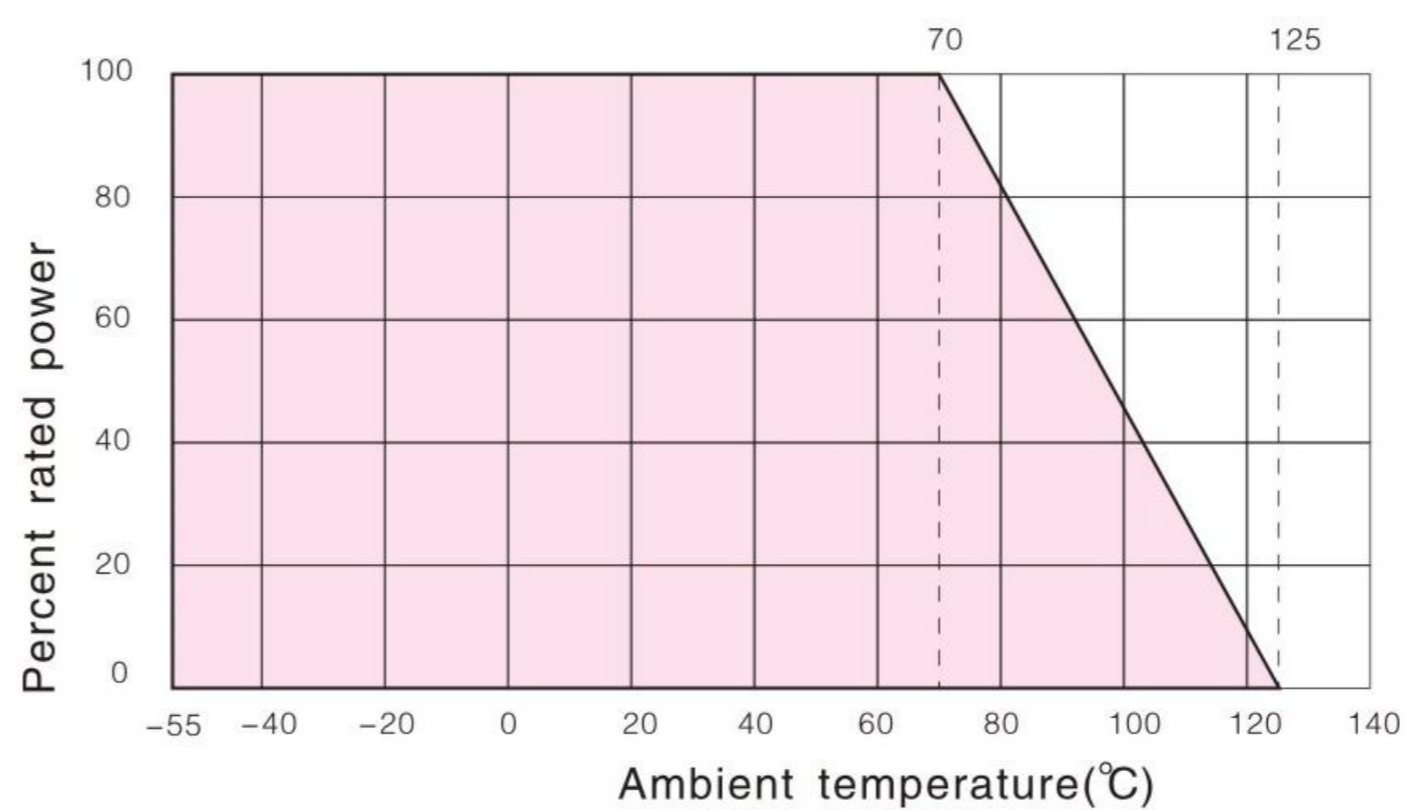
Applications

- all kinds of electrical equipments

Reference Standards

Q/DRT006-2009

Derating Curve



Technical Specifications

Type	Rating Power P_{70} (W)	Working Voltage (V)		Resistance Range/Tolerance/TCR ¹⁾ /VCR ²⁾					
		Trimmed	Untrimmed	1M-100M	>100M-500M	>500M-1G	>1G-10G	>10G-100G	>100G-1T
1210	0.5	300	1000	1/2/5/10% TC25/50/100 <50ppm/V	2/5/10/20% TC50/100/250 <100ppm/V	5/10/20% TC100/250 <100ppm/V	5/10/20/30% TC250/500 <500ppm/V	5/10/20/30% TC500/1000 <1000ppm/V	-
25	0.7	300	500	2/5/20% TC50/100 <50ppm/V	5/10/20% TC100/250 <100ppm/V	5/10/20% TC100/250 <100ppm/V	10/20/30% TC250/500 <500ppm/V	10/20/30% TC500/1000 <1000ppm/V	-
2512	1.0	1200	2500	1/.../10% TC25/50/100 <10ppm/V	1/2/5/10/20% TC25/50/100 <25ppm/V	1/2/5/10/20% TC100/250 <25ppm/V	2/5/10/20% TC100/250 <100ppm/V	5/10/20/30% TC250/500 <250ppm/V	10/20/30/50% TC500/1000 <500ppm/V
4020	2.0	4000	6000	1/.../10% TC25/50/100 <5ppm/V	1/2/5/10/20% TC25/50/100 <10ppm/V	1/2/5/10/20% TC25/50/100 <10ppm/V	2/5/10/20% TC50/100 <25ppm/V	5/10/20/30% TC100/250 <100ppm/V	5/10/20/30% TC250/500 <250ppm/V

1) TCR25/50; Temperature range +25°C~+85°C

2) VCR measured between 10V and 100V

Closed values of tolerance, TCR and VCR, other dimensions or voltage dividers on request and agreement

Performance

Test Item	Specifications			Test Methods
Long term stability	≤1G	1G~10G	>10G	/
High temperature store	<1%	<2%	<5%	125°C, 1000h
Load life	<0.5%	<1%	<2%	70°C, P_R , 1000h

How To Order

Example

HVR	30	1.0W	100MΩ	±0.25%	±100(10 ⁻⁶ /K)	box
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
HVR	30 40 50	1.0W 1.2W 3.0W	100MΩ	±0.25% ±1% ±2% ±5% ±10% ±20% ±30%	±25(10 ⁻⁶ /K) ±50(10 ⁻⁶ /K) ±100(10 ⁻⁶ /K) ±250(10 ⁻⁶ /K) ±500(10 ⁻⁶ /K) ±1000(10 ⁻⁶ /K)	box bag

Packaging: Plastic recloseable bags (moq: 30PCS)