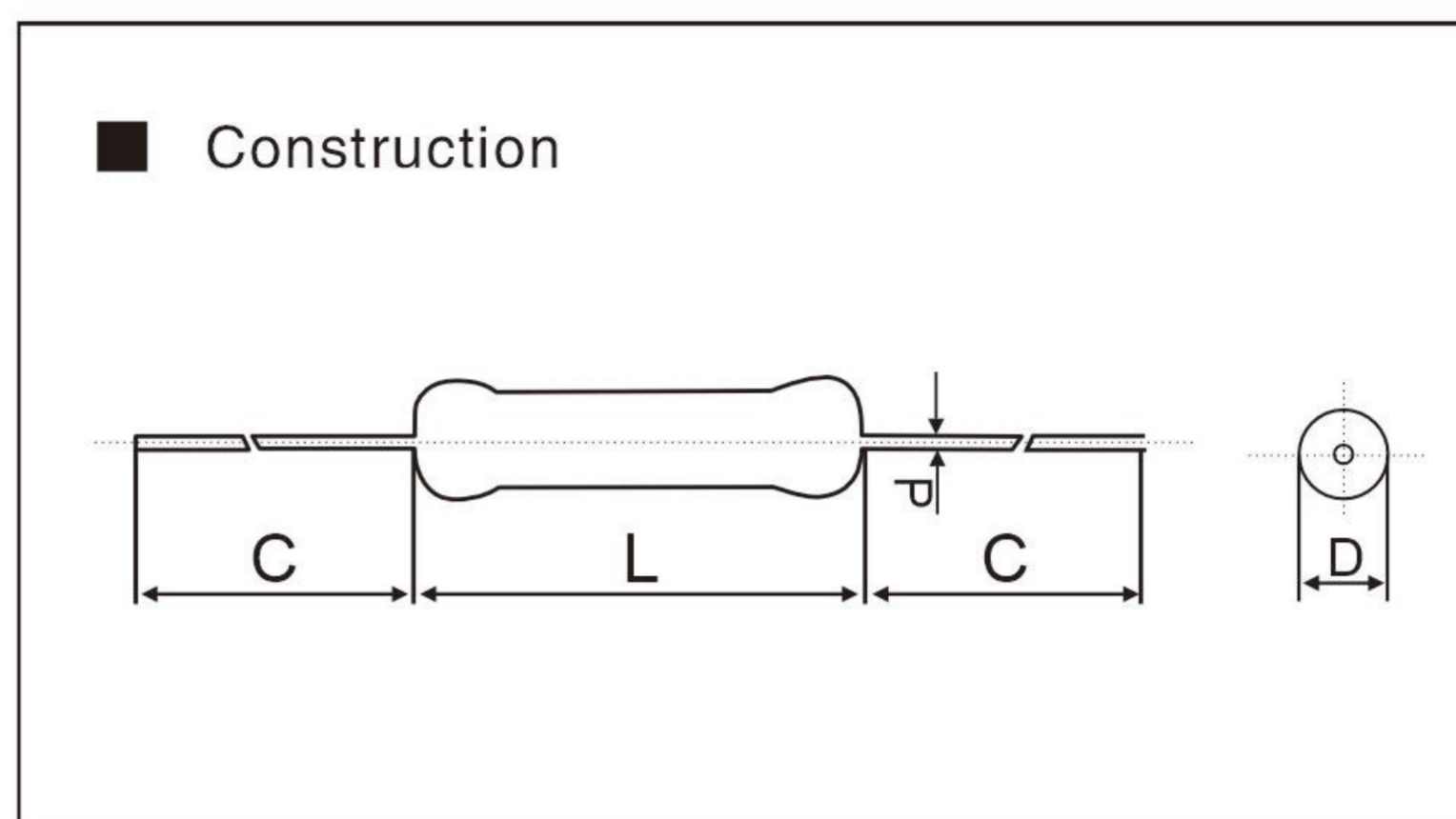
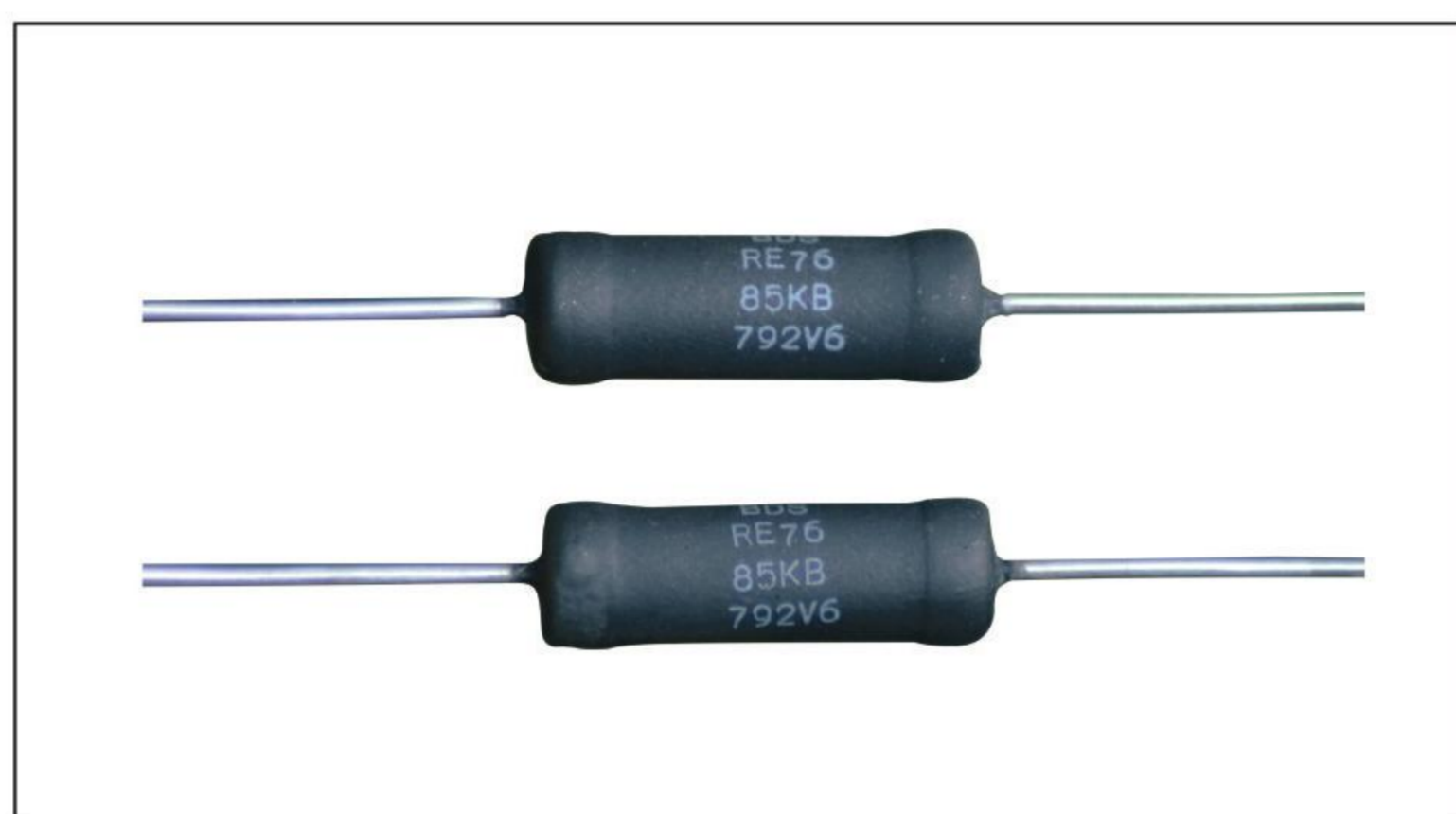


Series RE7

Power Precision Metal Film Resistors



■ Characteristics

- Temp Range :
-55°C ~ 155°C
- Stability :
± 0.5% 70°C 1000h
- Coated Style

■ Dimensions (mm)

Model	L ± 1	D ± 0.3	C ± 2	d ± 0.05
RE 76	24.5	7.4	28	1.0
RE 77	30.5	8.0	28	1.0

■ Technical Standard

GB/T5729-2003 Fixed resistors for use in electronic equipment-Part 1: Generic specification

Q/BDS 012-2013 Re7 Resistors, fixed, metal film, precision, detail specification for

■ Application Area

RE7 products are high power thin film products, which are widely used in CNC machine tools, power supplies, locomotives and other electronic equipment.

■ Technical Specifications

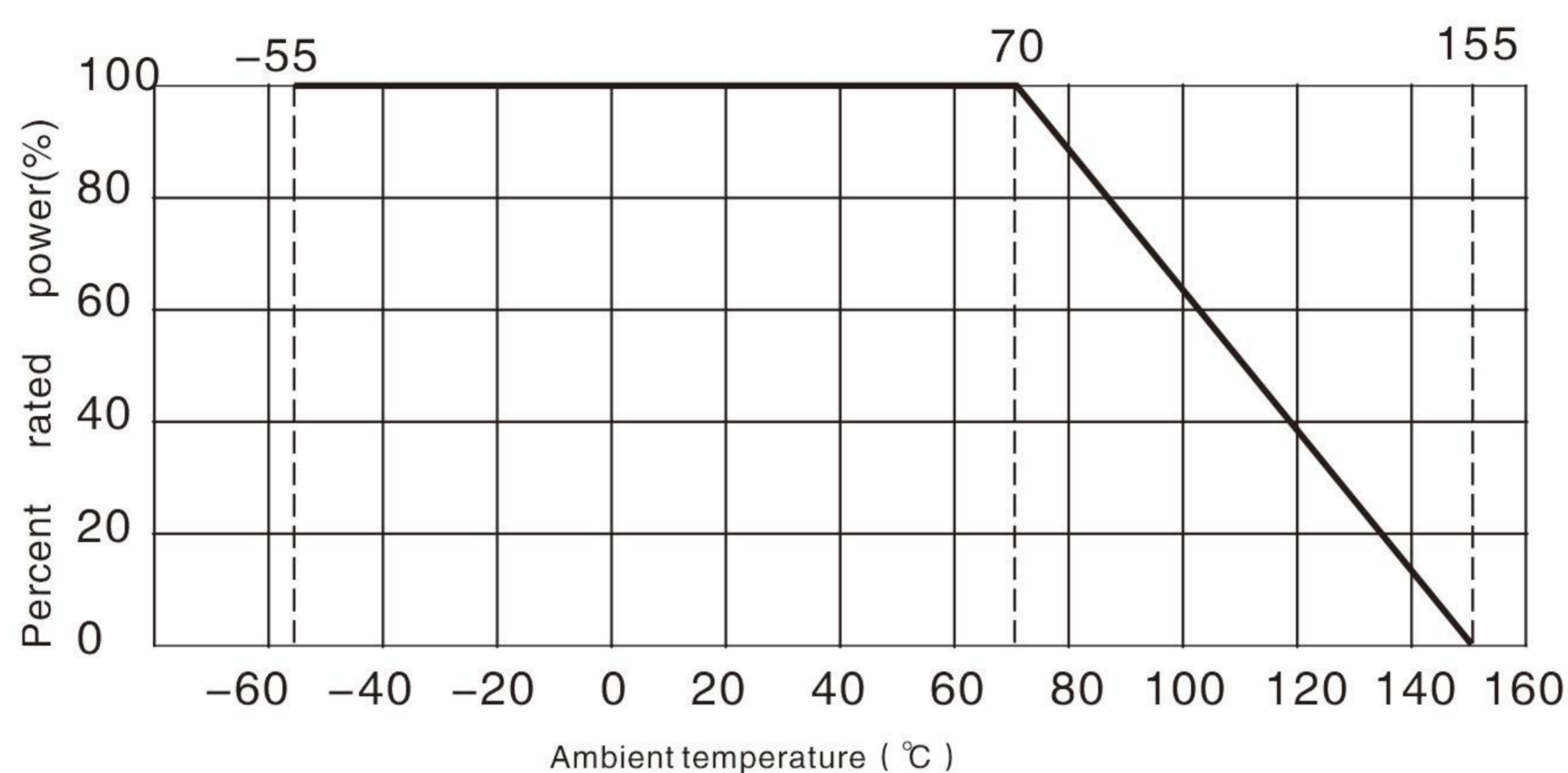
Type	RE76	RE77
Rated Power at 70°C(W)	3	4
Max Working Voltage(V)	500	500
Resistance Range(Ω)	10R ~ 10M	10R ~ 10M
Tolerance Range	B(± 0.1%),C(± 0.25%),D(± 0.5%),F(± 1.0%)	
TC-Range (10 ⁻⁶ /K)	C3(± 25),C2(± 50),C1(± 100)	

Series RE7

Power Precision Metal Film Resistors



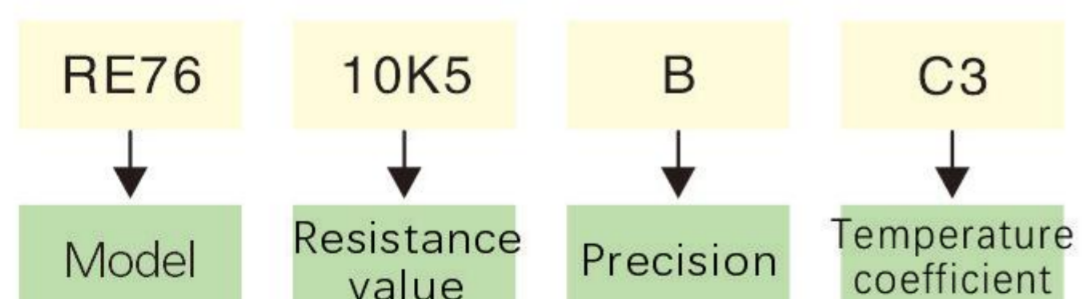
Derating Curve



Performance Characteristics

Test Items	Standards	Test Method
Temperature Shock	$\Delta R \leq \pm(0.10\%R+0.01\Omega)$	-65°C ~ 150°C, 5cycles
Short Time Overload	$\Delta R \leq \pm(0.10\%R+0.01\Omega)$	2.5 times of the rated voltage, the maximum voltage shall not exceed 2 times of the limit voltage, 5S
Resistance to Solder	$\Delta R \leq \pm(0.10\%R+0.01\Omega)$	260°C ± 5°C, 10 ± 2S
Resistance to Moisture	$\Delta R \leq \pm(0.50\%R+0.01\Omega)$	40°C ± 2°C, humidity 90% ~ 95%, 1000 H 1.5 H on, 0.5 H off
70°C Endurance	$\Delta R \leq \pm(0.50\%R+0.01\Omega)$	70°C, rated load, 1000h 1.5h, 0.5 H break
Solderability	Lectrode area cover by solder ≥ 95%	245°C ± 5°C, 3 ± 0.5S

Examples for purchase



Packaging: Bulk in plastic bags(MOQ:30pcs)