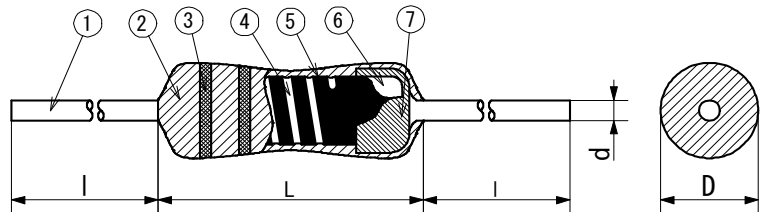




Model No. HVL



■ Constructions and Dimensions



①	lead wire	④	herical cutting groove	⑦	cap
②	insulation coat	⑤	conductive film		
③	color code	⑥	ceramic base		

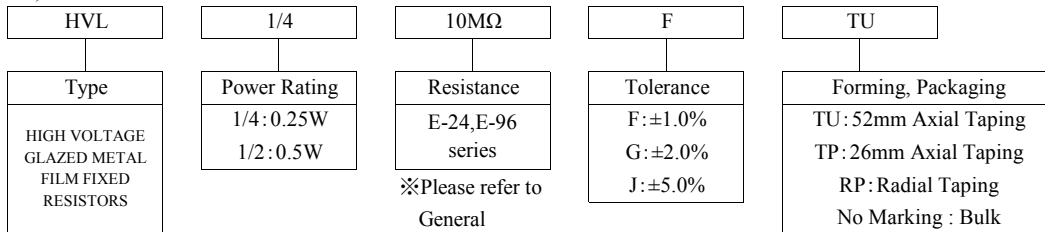
■ Feature

- "HVL" is suitable for high voltage circuits.
- Available with the tolerance of $\pm 1.0\%$, $\pm 2.0\%$, $\pm 5.0\%$.
- Body color : Brown

Type	Dimensions(mm)			
	L	D	l	d
HVL1/4W	6.4 \pm 0.8	2.3 \pm 0.4	27 min.	0.6 \pm 0.1
HVL1/2W	9.5 \pm 1.0	3.5 \pm 1.0	38 \pm 3	0.65 \pm 0.1

■ Type Designation

Ex)HVL1/4 10M Ω FTU



※Please refer to
General
Specifications.

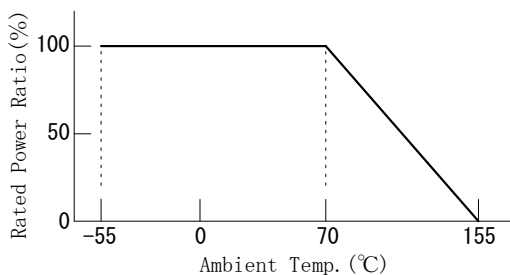
※Please refer to General Specifications.

■ Power Rating

Type	Power Rating [W]	Max. Operational Voltage		Dielectric withstanding Voltage [V]	Resistance Range [Ω] F,G,J	T.C.R. [ppm/ $^{\circ}$ C]	Rated Ambient Temp. [$^{\circ}$ C]	Operating Temp. Range [$^{\circ}$ C]
		[V]	[V]					
HGS1/4	0.25	D.C. 1600	A.C. 1150	500	100k~50M	\pm 200	+70	-55~
HGS1/2	0.5	D.C. 3500	A.C. 2500	700	100k~100M			+155

※Rated Voltage : $\sqrt{P \cdot R}$ (P=Rated power (W), R=Nominal resistance (Ω))

■ Derating Curve



■ Performance

Items	Characteristics	Test method
Resistance to soldering heat	resistance change within $\pm 0.5\%$	JIS C 5201-1 4.18 260 $^{\circ}$ C 10s
Endurance (rated load)	resistance change within $\pm 3.0\%$	JIS C 5201-1 4.25.1 70 $^{\circ}$ C, 1,000h 1.5hON, 0.5hOFF cycle