

BSP Series Thick Film Tube Resistors, High Voltage

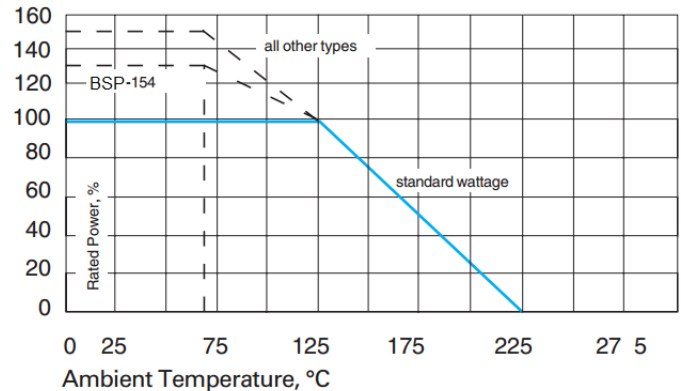
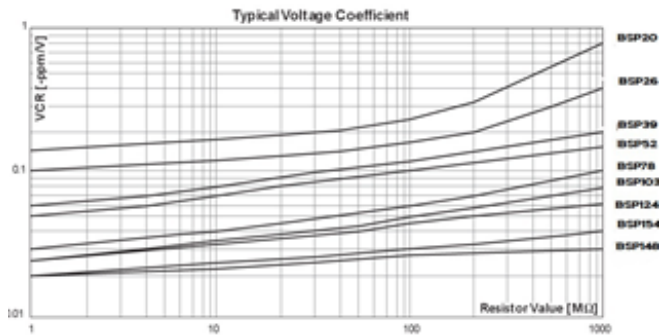
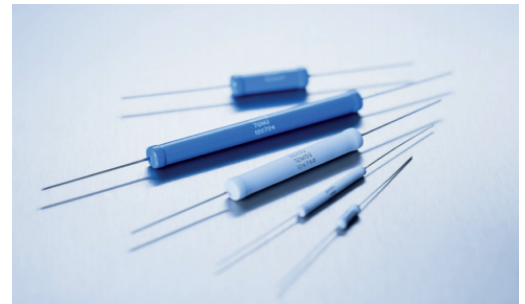
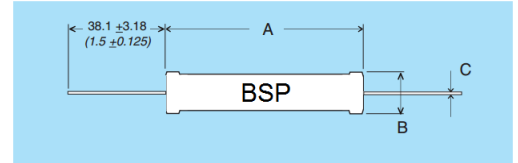
FEATURES

Tube type (thick film, non inductive design) high voltage resistor.
 BSP series use 7.0mm diameter ceramic body
 For general purpose, max working temp. to 225°C.
 Very high resistance value up to 2G Mohm



TECHNICAL SPECIFICATION

Resistance tolerance: standard: $\pm 0.5\%$ to $\pm 10\%$ (Negotiable)
 Temperature coefficient: $\pm 50\text{ppm}/^\circ\text{C}$ or $\pm 100\text{ppm}/^\circ\text{C}$ at $+25^\circ\text{C} \sim +105^\circ\text{C}$
 Dielectric strength: 1000VDC
 Insulation resistance: 10Gohm min.
 Overload : 5 times of power rating, not higher than 150% of max continue working voltage, 5 second, $R_{\leq} \pm 0.5\%$;
 Load Life: 1000hours Power rating, $R_{\leq} \pm 0.50\%$
 Humidity stand: MIL-Std-202, 106 $R_{\leq} \pm 0.40\%$
 Thermal shock: MIL-Std-202, Method 107, Cond. C
 Lead material: antioxidant brass wire with tin coated.
 Encapsulation: silicone conformal



Model No.	Dimensions (mm)			Wattage 25° C	Wattage 75° C	Wattage 125° C	Max. cont. oper. V (kV)	Resistance	
	Length (mm)	Diam (mm)	Lead Dia(mm)					Min	Max
HVRBSP20	20.2	8.0	1.00	2.5	2.5	1.5	3.0	200	25M
HVRBSP26	26.9	8.0	1.00	3.7	3.7	2.5	4.0	250	300M
HVRBSP32	33.0	8.0	1.00	4.5	4.5	3.00	5.0	300	400M
HVRBSP39	39.5	8.0	1.00	5.2	5.2	3.5	8.0	400	500M
HVRBSP52	52.1	8.0	1.00	7.5	7.5	5.00	10.0	500	750M
HVRBSP78	77.70	8.0	1.00	11	11	7.5	15.0	900	1G
HVRBSP103	102.9	8.0	1.00	12	12	8.0	20.0	1K2	1G
HVRBSP124	123.70	8.0	1.00	15	15	10.0	25.0	1K5	1G
HVRBSP148	155.0	15.8	N/A	30	30	20.0	45.0	10K	2G
HVRBSP154	153.70	8.0	1.00	20	20	15.0	30.0	2K0	2G