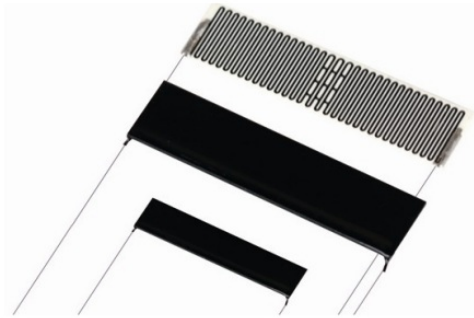


## GFP/GHP Series Thick Film Planar Resistors, High Voltage



### FEATURES

These resistors are quite economic design high voltage resistor, Able to provide high dense assembly in multi application. Two different coating:

#### GFP SERIES

225°C high temperature silicone coating

#### GHP SERIES

Surface silicon printing, as an economic option, max stand voltage be 24kv, Six different spec, 3mm for max thickness. Non-inductive design.

**Termination:** Standard lead material is tin plated copper



RoHS\*  
COMPLIANT

HALOGEN  
FREE

### APPLICATION

- 1.HV Measurement
- 2.Power Supplies
- 3.Medical
- 4.Electrostatic
- 5.Smart Grid Sensing/Metering

### TECHNICAL SPECIFICATIONS

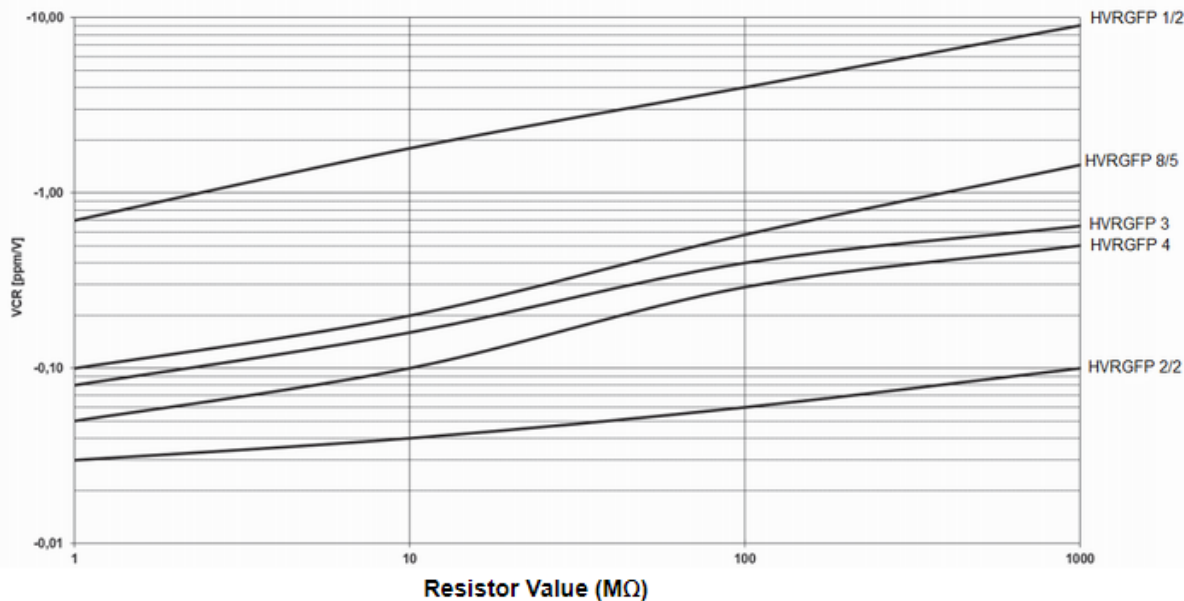
Resistance range: 200  $\Omega$  to 2 G  $\Omega$

Tolerance:  $\pm 0.2\%$  to  $\pm 10\%$

Temperature coefficient: (500 M $\Omega$ )  $\pm 80$  ppm/ $^{\circ}$  C (+25 $^{\circ}$ C to +105 $^{\circ}$ C)

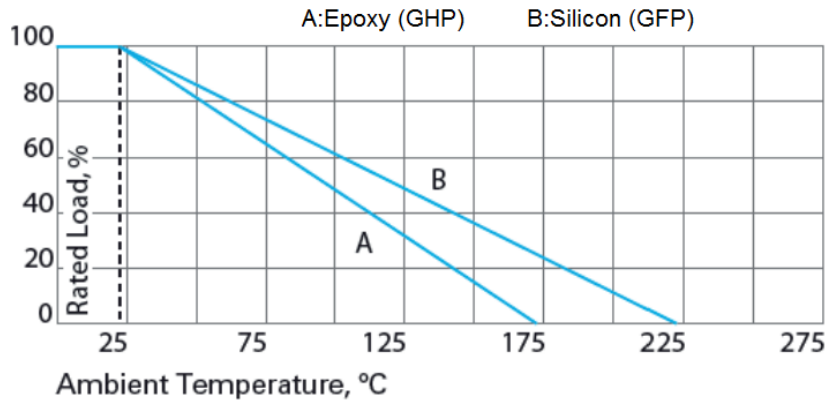
Max working voltage: 130%

### TYPICAL VOLTAGE COEFFICIENT

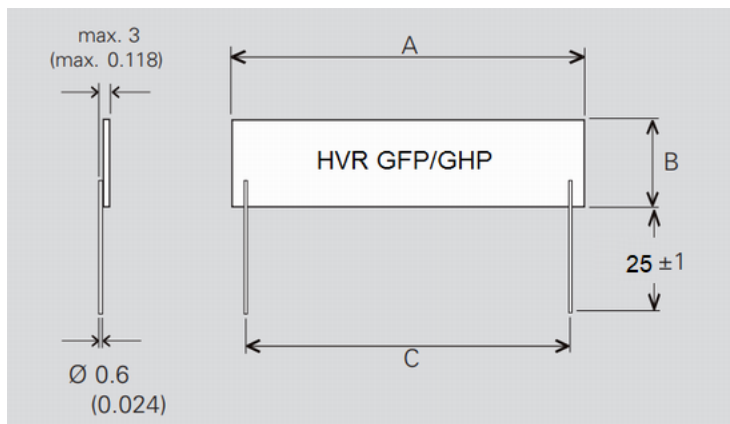


## GFP/GHP Series Thick Film Planar Resistors, High Voltage

### TEMPERATURE COEFFICIENT



### DIMENSION



### STANDARD ELECTRICAL SPECIFICATIONS

Part Number	Watt	Max Voltage.(V)	Length(A)	Wide(B)	Lead Spacing (c)
HVRGFP1/2	0.50	4,000	12.90	3.40	10.20
HVRGFP 5/5	0.65	6,000	17.15	3.40	15.24
HVRGFP 6/5	1.20	6,500	20.00	5.08	17.78
HVRGFP 8/5	1.60	8,000	25.60	5.30	22.90
HVRGFP 3	3.00	12,000	38.30	6.60	35.50
HVRGFP 4	4.00	15,000	51.00	6.60	48.20
HVRGFP 2/2	5.00	22,000	51.00	12.90	48.20
HVRGHP1/2	0.50	4,000	13.60	4.50	10.20
HVRGHP5/5	0.65	6,000	17.85	4.50	15.24
HVRGHP 8/5	1.60	8,000	25.90	6.30	22.90
HVRGHP 3	3.00	12,000	38.70	7.50	35.50
HVRGHP 4	4.00	15,000	51.30	7.50	48.20
HVRGHP 2/2	5.00	24,000	51.30	14.20	48.20