

## HVP HIGH VOLTAGE THICK FILM PLANAR RESISTORS



### INTRODUCTION

These units are available in two terminal styles. Large ohmic range from 0.5Mohms to1Gohms. Superior characteristics in pulse voltage and high voltage applications. Excellent general electrical characteristics. These models are also suitable for customer designed specs and high voltage resistive patterns.

### GENERAL SPECIFICATIONS

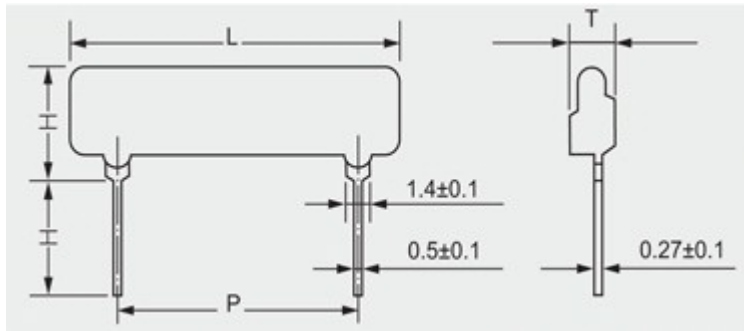
Model	Resistance Range	Tolerance	Power Ratings and Maximum Working Voltages								
			03		04		05		06		
			W	KV	W	KV	W	KV	W	KV	
HVP03	0.5MR to 1GR	F, G, J									
		K, M							0.5	6.7	
HVP05		F, G, J									
		K, M	0.6	3.2	0.7	4.8	0.8	5.5	0.9	6.7	
HVP06		F, G, J	0.2	2.0	0.3	3.0	0.4	4.0	0.5	5.0	
		K, M	0.7	3.0	0.8	4.8	0.9	5.5	1.0	6.7	
HVP07		F, G, J	0.3	2.0	0.4	3.0	0.5	4.0	0.6	5.0	
		K, M	0.8	3.2	0.9	4.8	1.0	5.5	1.1	6.7	
HVP10		F, G, J	0.4	2.0	0.5	3.0	0.7	4.0	0.9	5.0	
		K, M	0.9	3.2	1.1	4.8	1.3	5.5	1.5	6.7	

Model	Resistance Range	Tolerance	Power Ratings and Maximum Working Voltages									
			07		08		09		11		18	
			W	KV	W	KV	W	KV	W	KV	W	KV
HVP03	0.5MR to 1GR	F, G, J										
		K, M					1.0	9.5				
HVP05		F, G, J										
		K, M	1.0	7.4	1.1	8.6						
HVP06		F, G, J	0.6	6.0	0.7	7.0						
		K, M	1.1	7.4	1.2	8.6						
HVP07		F, G, J	0.7	6.0	0.8	7.0						
		K, M	1.2	7.4	1.6	8.6						
HVP10		F, G, J	1.1	6.0	1.4	7.0			1.7	10	2.7	15
		K, M	1.7	7.4	1.9	8.6			1.7	10	2.7	15

### CHARACTERISTICS

Operating Temperature	-25C to +125C
Temperature Coefficient	Typical +-250ppm/C

**DIMENSIONS**



Terminal Pitch	H Maximum					L Max	P+-0.3
	HVP03	HVP03	HVP03	HVP03	HVP03		
03	3.5	5.0	6.35	7.5	10	10.7	7.62
04						13.2	10.16
05						15.8	12.70
06						18.3	15.24
07						20.9	17.78
08						23.4	20.32
09						27.0	22.86
11						31.0	27.94
18						48.8	45.72

**ORDERING PROCEDURE EXAMPLE**

