

High Ohmic Value (up to 1.5 $G\Omega$), High Power Resistors (up to 10 W at 25 °C) Thick Film



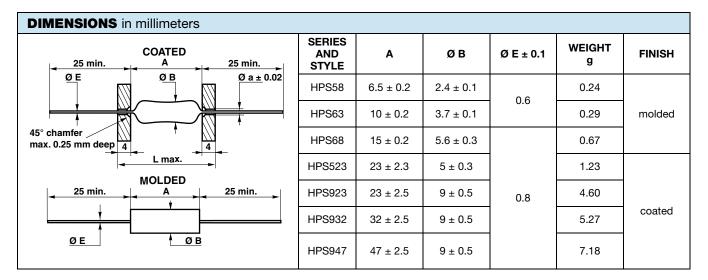
FEATURES





COMPLIANT

- High ohmic values up to 1.5 GΩ
- Power rating up to 10 W at + 25 °C
 - Power rating up to 10 W at + 25
- Molded or coated
- · Ceramic core
- Material categorization: For definitions of compliance please see <u>www.vishay.com/doc?99912</u>



STANDARD ELECTRICAL SPECIFICATIONS											
MODEL	RESISTANCE RANGE Ω	RATED POWER P _{25 °C} W	LIMITING ELEMENT VOLTAGE V	TOLERANCE ± %	TEMPERATURE COEFFICIENT ± ppm/°C	CRITICAL RESISTANCE (Ω)	CLIMATIC CATEGORY				
HPS58	200 to 100M	1	300	0.5, 1, 2, 5, 10	150	90K					
HPS63	200 to 175M	2	700	0.5, 1, 2, 5, 10	150	245K					
HPS68	300 to 400M	3	1500	0.5, 1, 2, 5, 10	150	750K	- 55 °C/				
HPS523	800 to 650M	4	2000	0.5, 1, 2, 5, 10	150	1M	+ 200 °C/				
HPS923	1K to 1G	6	2500	0.5, 1, 2, 5, 10	150	1.041M	56 days				
HPS932	1K to 1G	8	5000	0.5, 1, 2, 5, 10	150	3.125M					
HPS947	2K to 1.5G	10	8000	0.5, 1, 2, 5, 10	150	6.4M					

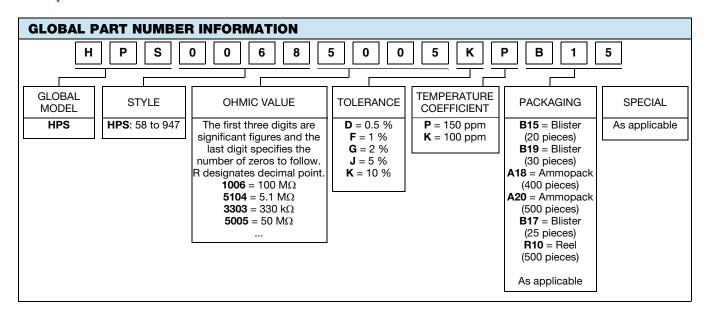
MARKING

GEKA trade-mark, series, style, nominal resistance (in Ω), tolerance (in %), letter P for TCR \pm 150 ppm/°C, manufacturing date. Because of lack of space, small styles are marked with ohmic value (in Ω), tolerance (in %) and letter P.

ORDERING INFORMATION											
HPS	68	50 MΩ	10 %	150 ppm/°C	BL20	e1					
MODEL	SIZE	OHMIC VALUE	TOLERANCE	TEMPERATURE COEFFICIENT	PACKAGING	LEAD (Pb)-FREE					



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