

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

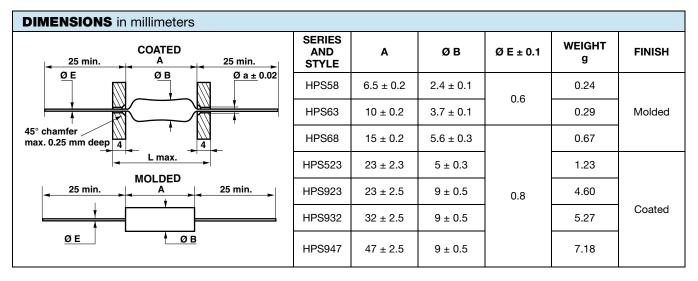


FEATURES

- High ohmic values up to 1.5 $G\Omega$
- Power rating up to 10 W at +25 °C



- · Molded or coated
- Ceramic core
- Material categorization: for definitions of compliance please see <u>www.vishay.com/doc?99912</u>



STANDA	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						

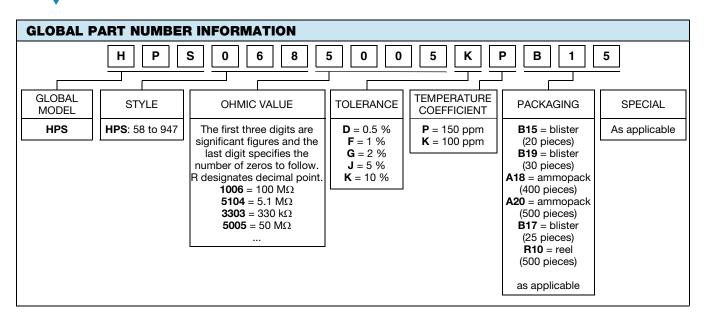
MARKING

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

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



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