

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



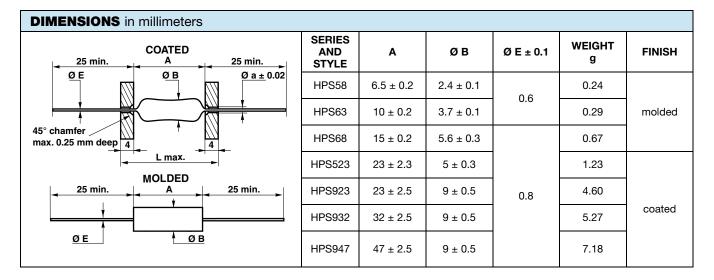
FEATURES

· RoHS for most values, please consult us



COMPLIANT

- High ohmic values up to 1.5 GΩ
- 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>



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					

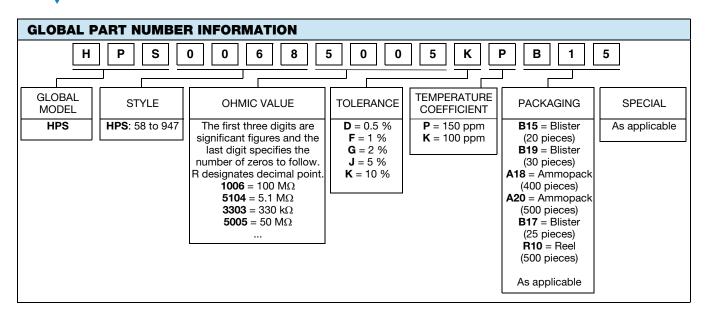
MARKING

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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Legal Disclaimer Notice

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Material Category Policy

Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as RoHS-Compliant fulfill the definitions and restrictions defined under Directive 2011/65/EU of The European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) - recast, unless otherwise specified as non-compliant.

Please note that some Vishay documentation may still make reference to RoHS Directive 2002/95/EC. We confirm that all the products identified as being compliant to Directive 2002/95/EC conform to Directive 2011/65/EU.

Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as Halogen-Free follow Halogen-Free requirements as per JEDEC JS709A standards. Please note that some Vishay documentation may still make reference to the IEC 61249-2-21 definition. We confirm that all the products identified as being compliant to IEC 61249-2-21 conform to JEDEC JS709A standards.

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001:
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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