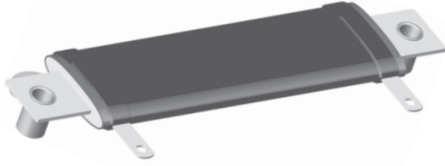




Wirewound Resistors, Industrial Power, Flat



FEATURES

- High temperature silicon coating
- Mounting accommodations ideally suited to high density packaging
- Self-stacking hardware for horizontal or vertical placement
- Withstands high vibrations without loosening
- Mounting hardware functions as a heat sink allowing greater heat dissipation and less derating of stacked units
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



RoHS
 COMPLIANT
 HALOGEN
FREE
GREEN
 (5-2008)

STANDARD ELECTRICAL SPECIFICATIONS

GLOBAL MODEL	HISTORICAL MODEL	POWER RATING $P_{25^{\circ}\text{C}}$ W	RESISTANCE RANGE Ω $\pm 5\%$	RESISTANCE RANGE Ω $\pm 10\%$	WEIGHT (typical) g
FSOT30...14 / FSOT30...16	HL-24-09 / HL-24-16	30	1.0 to 11K	0.10 to 11K	20.14
FSOT30...15 / FSOT30...17	NHL-24-09 / NHL-24-16		1.0 to 1.2K	1.0 to 1.2K	
FSOT40...14 / FSOT40...16	HL-40-09 / HL-40-16	40	1.0 to 26K	0.10 to 26K	30.07
FSOT40...15 / FSOT40...17	NHL-40-09 / NHL-40-16		1.0 to 3K	1.0 to 3K	
FSOT55...14 / FSOT55...16	HL-55-09 / HL-55-16	55	1.0 to 54K	0.10 to 54K	51.25
FSOT55...15 / FSOT55...17	NHL-55-09 / NHL-55-16		1.0 to 6.8K	1.0 to 6.8K	
FSOT70...14 / FSOT70...16	HL-70-09 / HL-70-16	70	1.0 to 77K	0.10 to 77K	60.48
FSOT70...15 / FSOT70...17	NHL-70-09 / NHL-70-16		1.0 to 9.4K	1.0 to 9.4K	
FSOT95...14 / FSOT95...16	HL-95-09 / HL-95-16	95	1.0 to 99.9K	0.10 to 99.9K	76.51
FSOT95...15 / FSOT95...17	NHL-95-09 / NHL-95-16		1.0 to 12.4K	1.0 to 12.4K	

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	FSOT...XX FLAT RESISTOR CHARACTERISTICS
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	± 90 for 0.1 Ω to 0.99 Ω ; ± 50 for 1 Ω to 9.9 Ω ; ± 30 for 10 Ω and above
Dielectric Withstanding Voltage	V_{AC}	1000, from terminal to mounting hardware
Short Time Overload	-	10 x rated power for 5 s
Maximum Working Voltage	V	$(P \times R)^{1/2}$
Insulation Resistance	Ω	1000 M Ω minimum dry, 100 M Ω minimum after moisture test
Operating Temperature Range	$^{\circ}\text{C}$	-55 to +350

GLOBAL PART NUMBER INFORMATION

Global Part Numbering example: FSOT3009E10R00JE14

F	S	O	T	3	0	0	9	E	1	0	R	0	0	J	E	1	4
GLOBAL MODEL FSOT30 (see "Standard Electrical Specifications" table above for additional P/N's)	TERMINAL DESIGNATION 09 16	TERMINAL FINISH E = lead (Pb)-free	RESISTANCE VALUE R = decimal K = thousand 10R00 = 10.0 Ω 1K000 = 1 k Ω	TOLERANCE J = $\pm 5.0\%$ K = $\pm 10.0\%$		PACKAGING CODE E = lead (Pb)-free cell and bulk pack		SPECIAL (dash number) (up to 2 digits) from 1 to 99 as applicable 14 = standard, 09 terminal 15 = non-inductive, 09 terminal 16 = standard, 16 terminal 17 = non-inductive, 16 terminal									



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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.);

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- 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.



Как с нами связаться

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