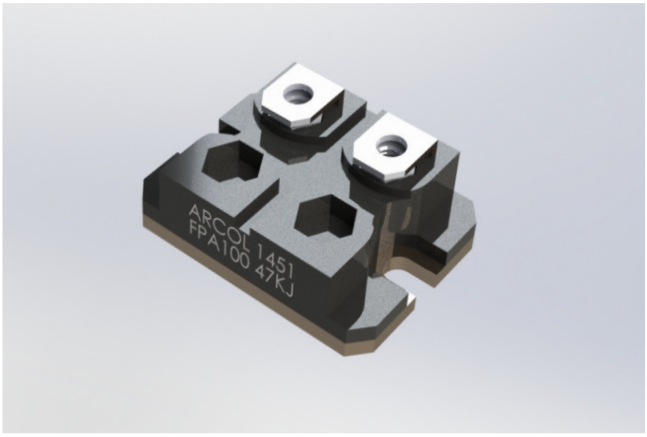
FPA100 Thick Film Power Resistors

Due to a Non-Inductive design these elements are ideally suited for high frequency and pulse load applications. The FPA100 is available connected as 2 terminals or 4 terminals, in parallel or series.

- SOT227 Style package
- Competitively priced
- 100 Watts dissipation in a small footprint
- Very low inductance
- Direct heatsink mounting



Characteristics

Ohmic value range:	E24, contact ARCOL for values outside this series
Tolerance (Code):	Standard J (±5%). K (±10%) available for 1R to 10R values. F (±1%) also available on request.
TCR:	100ppm (at +105°C ref to +25°C)
Power rating at 25° C:	100W
Max working voltage:	1kV rms
Resistance range:	1R to 5M
Voltage proof:	Dielectric strength 4kVdc
Partial discharge:	Up to 2kV rms / 80 pC
Capacitance/mass:	≤40pF
Working temp range:	-55°C to +155°C
Max. torque for contacts (static):	1.3Nm
Max. torque for base plate (static):	1.5Nm
Inductance:	≤ 50nH

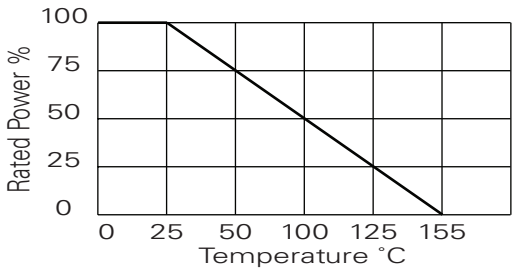
Ordering Procedure

Standard (Version 1) Resistor Specify Series, Watts, Ohmic Value, Tolerance Code, e.g.: FPA100 2R2 J

Versions 2, 3, 4 or 5 Specify Series, Watts, Ohmic Value or Values, Tolerance Code and then Version Number, e.g.: FPA100 2R2 2R2 J version 4.

Refer to versions available on page 2.

Derating Curve



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Threemilestone Ind. Estate,
Truro, Cornwall, TR4 9LG, UK.
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F +44 (0) 1872 222002
E sales@arcolresistors.com

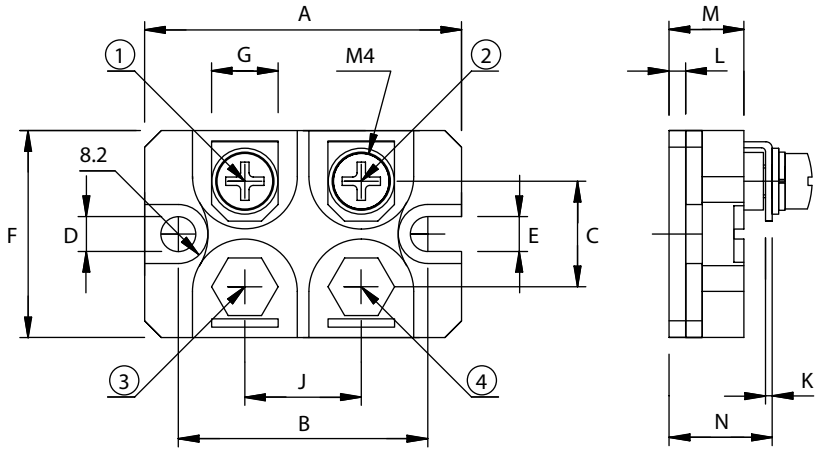
www.arcolresistors.com

The information contained herein does not form part of a contract and is subject to change without notice. ARCOL operate a policy of continual product development, therefore, specifications may change.

It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask ARCOL.

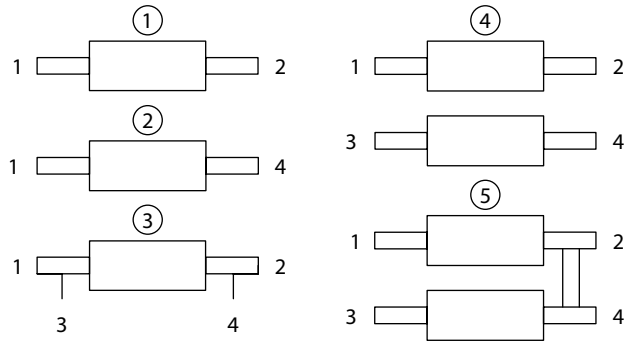
Downloaded from Arrow.com.

Dimensions (mm)



	A	B	C	D min	E	F
Min	38	30.1	11.5	4.1	4.0	24.4
Max	39	30.3	13.5	N/A	4.3	26.4
	G	J	K	L	M	N
Min	7.8	14.5	0.75	1.9	9.5	11.5

Versions Available



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