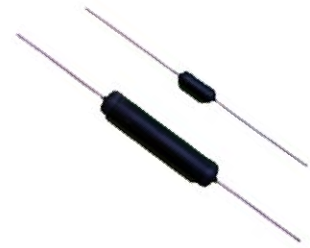


ACS5S ACS10S Silicone Coated Axial Resistors



The design of the ACS resistor provides a good balance of power density, stability and resistance to environment for a broad range of industrial power applications, such as drives and controls.

- Good ratio between power capability and physical size
- Wound to maximise high pulse capability
- Low inductive versions available
- RoHS Compliant



Characteristics

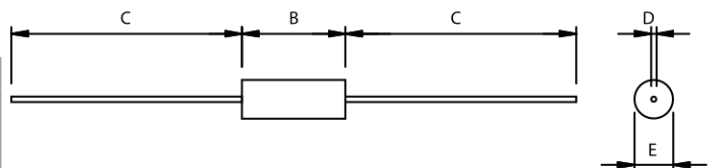
Tolerance (Code):	$\pm 1\%$ (F), $\pm 5\%$ (J)
Temperature coefficient:	Resistance wire $\pm 20\text{ppm}$
Insulation resistance:	$100\text{V} > 1000\text{MR}$
Dielectric withstand voltage:	500V
Short time overload:	$\pm(0.5\% + 0.1\Omega) \Delta R$, 5 times power 5 seconds
Load life:	$\pm(1\% + 0.05\Omega) \Delta R$, 1000 hours at rated load
Preferred value range:	E24 series standard, E12 for values $> 10\text{K}$

Electrical Specifications

Type	Wattage (W)	Operating Temperature	Max Working Voltage (V)	Resistance	
				Inductive	Non-inductive
ACS5S	5W	-55°C to $+275^{\circ}\text{C}$	157	R05 - 22K	R05 - 2K
ACS10S	10W	-55°C to $+350^{\circ}\text{C}$	700	R1 - 30K	R1 - 5K

Dimensions (mm)

	B (± 1.5)	E (± 0.8)	D (± 0.02)	C (± 1)
ACS5S	12.7	4.78	0.8	35
ACS10S	44.2	8.52	1.0	35



Ordering Procedure

Standard Resistor: Series, N for Non-inductive style, Resistance Value, Tolerance, Packaging Style (TA or BULK for ACS5S)
eg. ACS5S 4K7 J / ACS5SN 2K J

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Truro, Cornwall, TR4 9LG, UK.
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www.arcolresistors.com

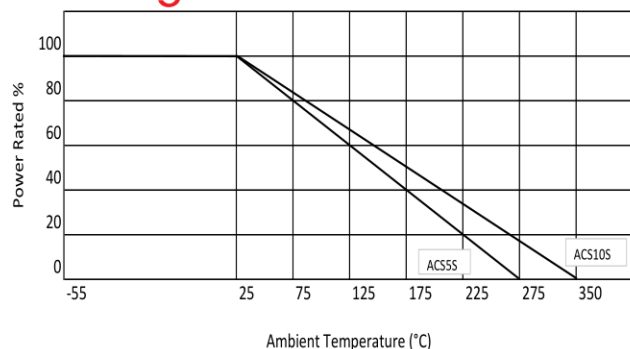
The information contained herein does not form part of a contract and is subject to change without notice. ARCOL operate a policy of continual product development, therefore, specifications may change.

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.

ACS5S ACS10S Silicone Coated Axial Resistors



Derating Curve



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