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

Electrical Specifications

	Туре	Wattage (W)	Operating Temperature	Max Working Voltage (V)	Resistance	
					Inductive	Non-inductive
	ACS5S	5W	-55°C to +275°C	157	R05 - 22K	R05 - 2K
	ACS10S	10W	-55°C to +350°C	700	R1 - 30K	R1 - 5K

Dimensions (mm)

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

Ordering Procedure

<u>Standard Resistor:</u> 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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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.



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