

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

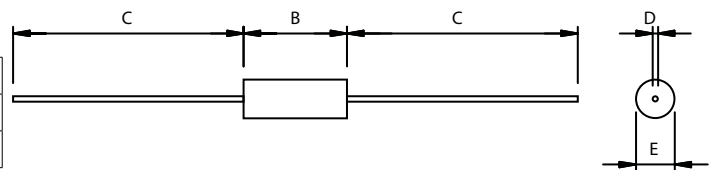
Tolerance (Code):	± 1% (F), ± 5% (J)
Temperature coefficient:	Resistance wire ±20ppm
Insulation resistance:	100V > 1000MR
Dielectric withstand voltage:	500V
Short time overload:	±(0.5% +0.1Ω) ΔR, 5 times power 5 seconds
Load life:	±(1% +0.05Ω) ΔR, 1000 hours at rated load
Preferred value range:	E24 series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

Electrical Specifications

Type	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)
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

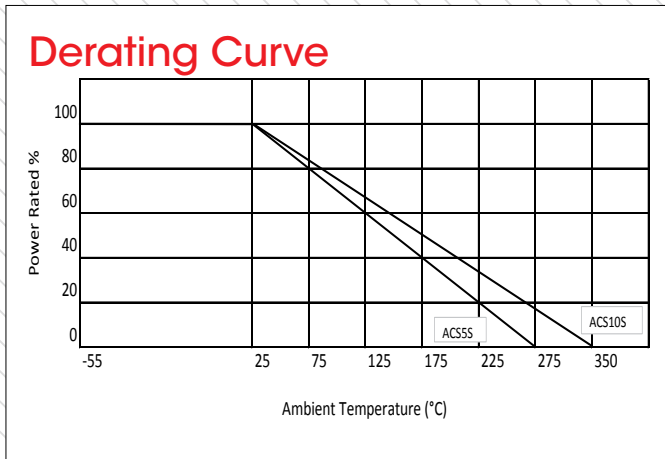
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It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask ARCOL.

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