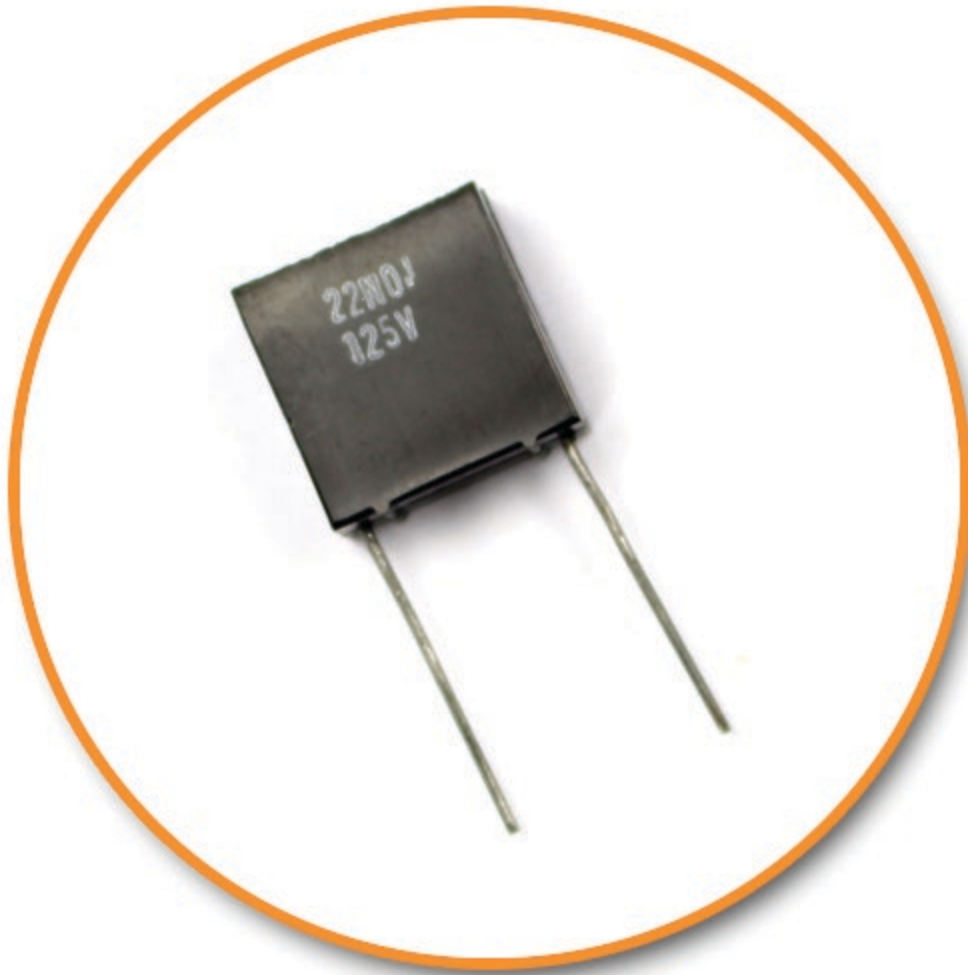




Charcroft A3M-HT & SMI-HT High Temp Capacitors

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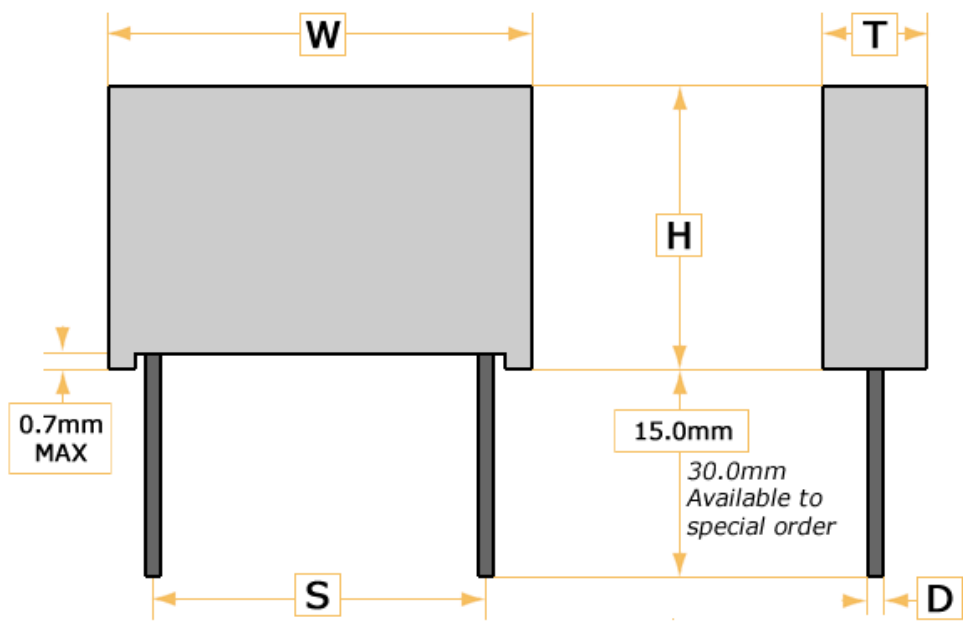
ELECTRONICS

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Knowledge of yesterday • Looking after today • Supporting tomorrow

High Temp Capacitors

These capacitors are encapsulated in silicone rubber and designed to operate at high temperatures, a very small change in mica capacitance with temperature ensures that the capacitance remains within the stated tolerance over the entire working temperature range.



Code	Capacitance Range in pF			Size in MM (max)				
	100, 125 & 250 Vdc	100 & 200 Vdc	350 & 400 Vdc	W	H	T	D	S
A3M HT	100 TO 20,000		100 TO 5,000	12.7	12.5	7.8	0.6	10.2 ±0.3
SM1 HT		100 TO 50,000	100 TO 30,000	26.0	16.2	7.5	0.8	15.2±0.4

Working Temperature Range	-55°C TO 250°C
Tolerance	±5% Standard
Capacitance Change (+20°C TO 250°C)	+1% Nominal
TANd @ +20°C	0.001 MAX @ 1KHz
TANd Increase (+20°C TO 250°C)	X 10 Typically
PROOF Voltage	2 X WKG Voltage
Insulation Resistance	25,000MΩ @ 100Vdc 20°C