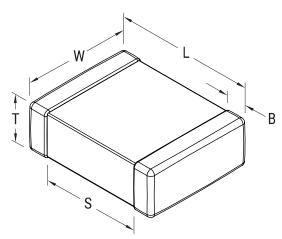


## CAS18C820KAGFC

CAS SMD SFTY 250, Ceramic, 82 pF, 10%, COG, Industrial Grade, Safety MLCC, 1812, 3.5 mm



Click	here	for	the	3D	model
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General Information	
Series	CAS SMD SFTY 250
Style	SMD Chip
Description	Industrial Grade, Safety MLCC
RoHS	Yes
Termination	Tin
Qualifications	TUV, UL, cUL
AEC-Q200	No
Halogen Free	Yes
Shelf Life	52 Weeks

Dimensions	
Chip Size	1812
L	4.5mm +0.5/-0.3mm
W	3.2mm +/-0.4mm
Т	1.25mm +/-0.1mm
S	3.5mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1000	

Specifications		
Capacitance	82 pF	
Measurement Condition	1 MHz 1.0Vrms	
Tolerance	10%	
Voltage AC	250 VAC (X1), 250 VAC (Y2)	
Temperature Range	-55/+125°C	
Temp. Coefficient	COG	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms	
Insulation Resistance	100 GOhms	
Quality Factor	1000	
Safety Class	X1/Y2	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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