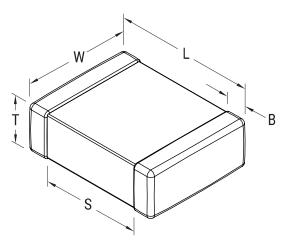


## CAS18C181FAGGC

CAS SMD SFTY 250, Ceramic, 180 pF, 1%, COG, Industrial Grade, Safety MLCC, 1812, 3.5 mm



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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	180 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	1%
Voltage AC	250 VAC (X2)
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	X2

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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