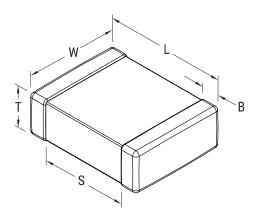
## **KEMET Part Number: CAS17C681KARFC**



## CAS SMD SFTY 250, Ceramic, 680 pF, 10%, X7R, Industrial Grade, Safety MLCC, X1/Y2, 1808



Dimensions		
Chip Size	1808	
L	4.5mm +0.5/-0.3mm	
W	2.03mm +/-0.25mm	
Т	2mm +/-0.2mm	
S	3.5mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	1000	

General Information	
Series:	CAS SMD SFTY 250
Style:	SMD Chip
Description:	Industrial Grade, Safety MLCC
RoHS:	Yes
Termination:	Tin
Safety Class:	X1/Y2
AEC-Q200:	No
Halogen Free:	Yes

Specifications		
Capacitance:	680 pF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	10%	
Voltage AC:	250 VAC (X1), 250 VAC (Y2)	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms	
Dissipation Factor:	2.5% 1 kHz 1.0Vrms	
Insulation Resistance:	10 GOhms	

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