## KEMET Part Number: CKC33C683KWGAC



## KC Link Comm C0G, Ceramic, 0.068 uF, 10%, 650 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 3640



Dimensions		
Chip Size	3640	
L	9.3mm +/-0.6mm	
W	10.2mm +/-0.4mm	
Т	2.5mm +/-0.2mm	
В	1.27mm +/-0.4mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information	
Series:	KC Link Comm C0G
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features:	Ultra-Stable, Low Loss
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.068 uF	
Measurement Condition:	68000 pF, 1 kHz 1.0Vrms	
Capacitance Tolerance:	10%	
Voltage DC:	650 VDC	
Dielectric Withstanding Voltage:	845 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	COG	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms	
Dissipation Factor:	0.1% 1 kHz 1.0Vrms	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	14.706 GOhms	

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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