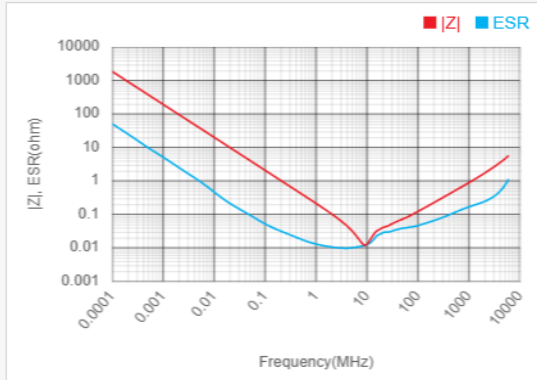


CL05Y105KP6VPN

Specifications

Property	Nominal Capacitance	Capacitance Tolerance	Rated Vdc	TCC	Size	Length	Width	Thickness
Value	1.0uF	±10%	10.0Vdc	X7S	0402(unit:inch), 1005(unit:mm)	1.00±0.20mm	0.50±0.20mm	0.50±0.20mm

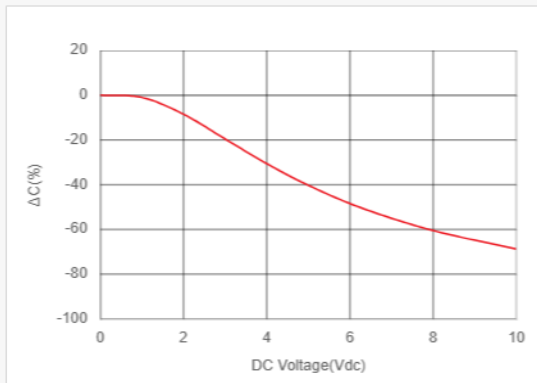
Data Graph



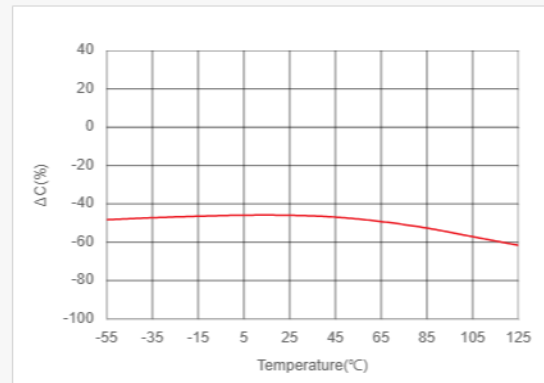
Frequency Characteristics
Network Analyzer



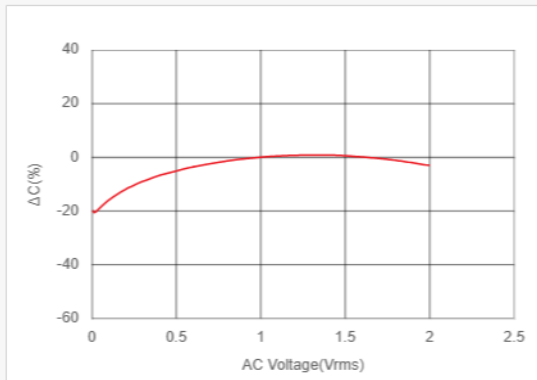
Temperature Characteristics of Capacitance(TCC)
LCR meter, 1kHz, 0.1Vrms



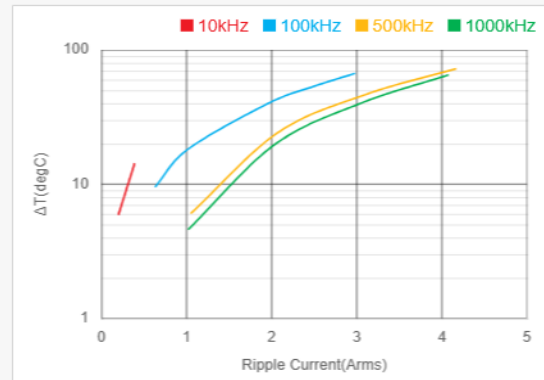
DC Bias Characteristics
LCR meter, 1kHz, 1Vrms



Bias TCC Characteristics
LCR meter, 1kHz, 1Vrms, 5Vdc



AC Voltage Characteristics
LCR meter, 1kHz





Temperature Rise by Ripple Current



Any data in this sheet are subject to change, modify or discontinue without notice. The data sheets include the typical data for design reference only. If there is any question regarding the data sheets, please contact our sales personnel or application engineers.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CL31C220JBCNNNC on WIN SOURCE](#)
-  [Samsung Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management