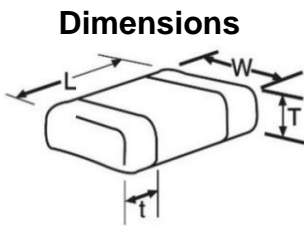


08052C331KAT2A Datasheet

(0805 200V X7R 330pF $\pm 10\%$)

To download data and
simulation models visit: **SpiCAT**
ONLINE TOOL

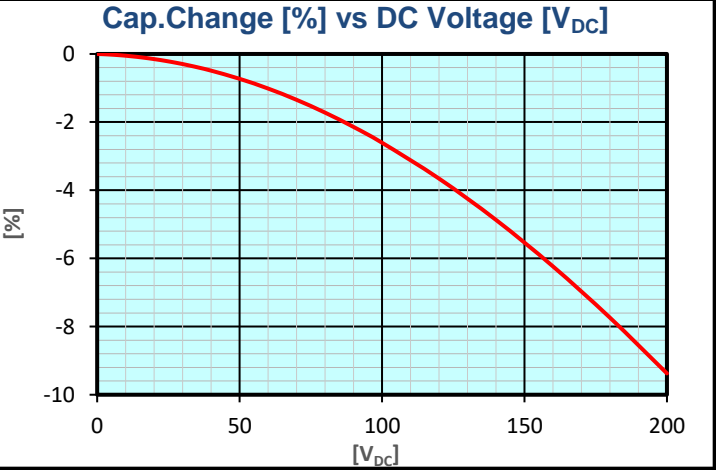
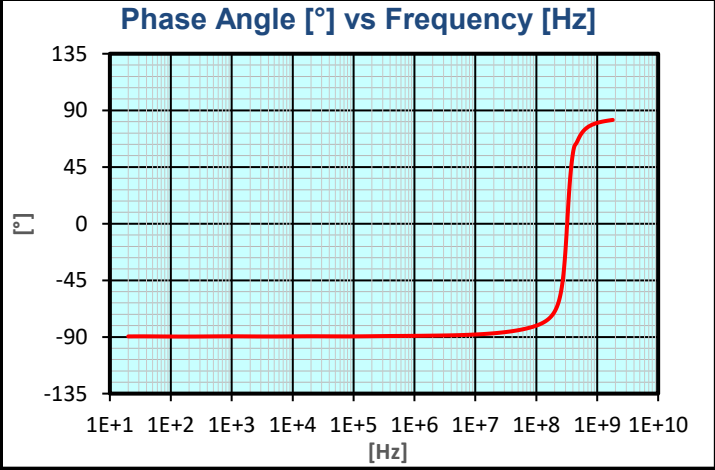
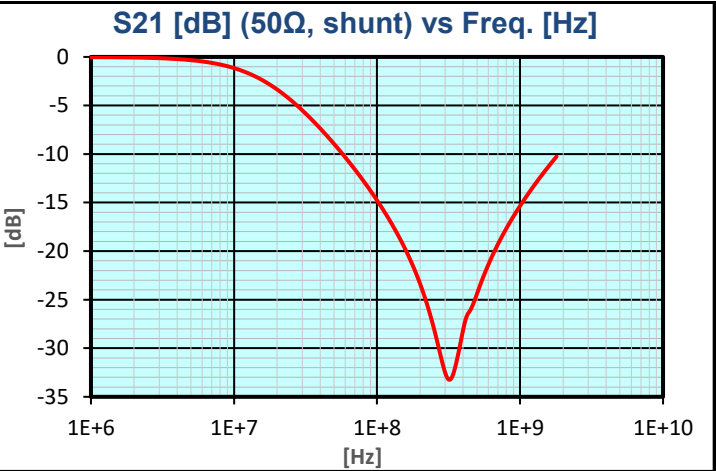
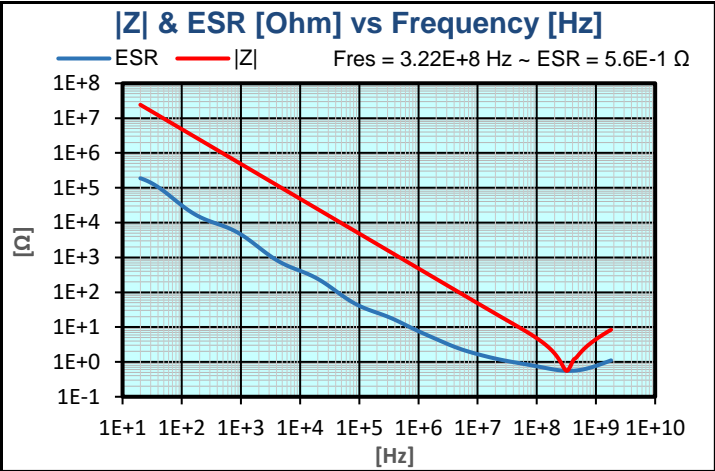


| | millimetres | inches |
|--------|----------------|-------------------|
| L | 2.01 ± 0.2 | 0.079 ± 0.008 |
| W | 1.25 ± 0.2 | 0.049 ± 0.008 |
| T max. | 0.94 | 0.037 |
| t | 0.5 ± 0.25 | 0.02 ± 0.01 |

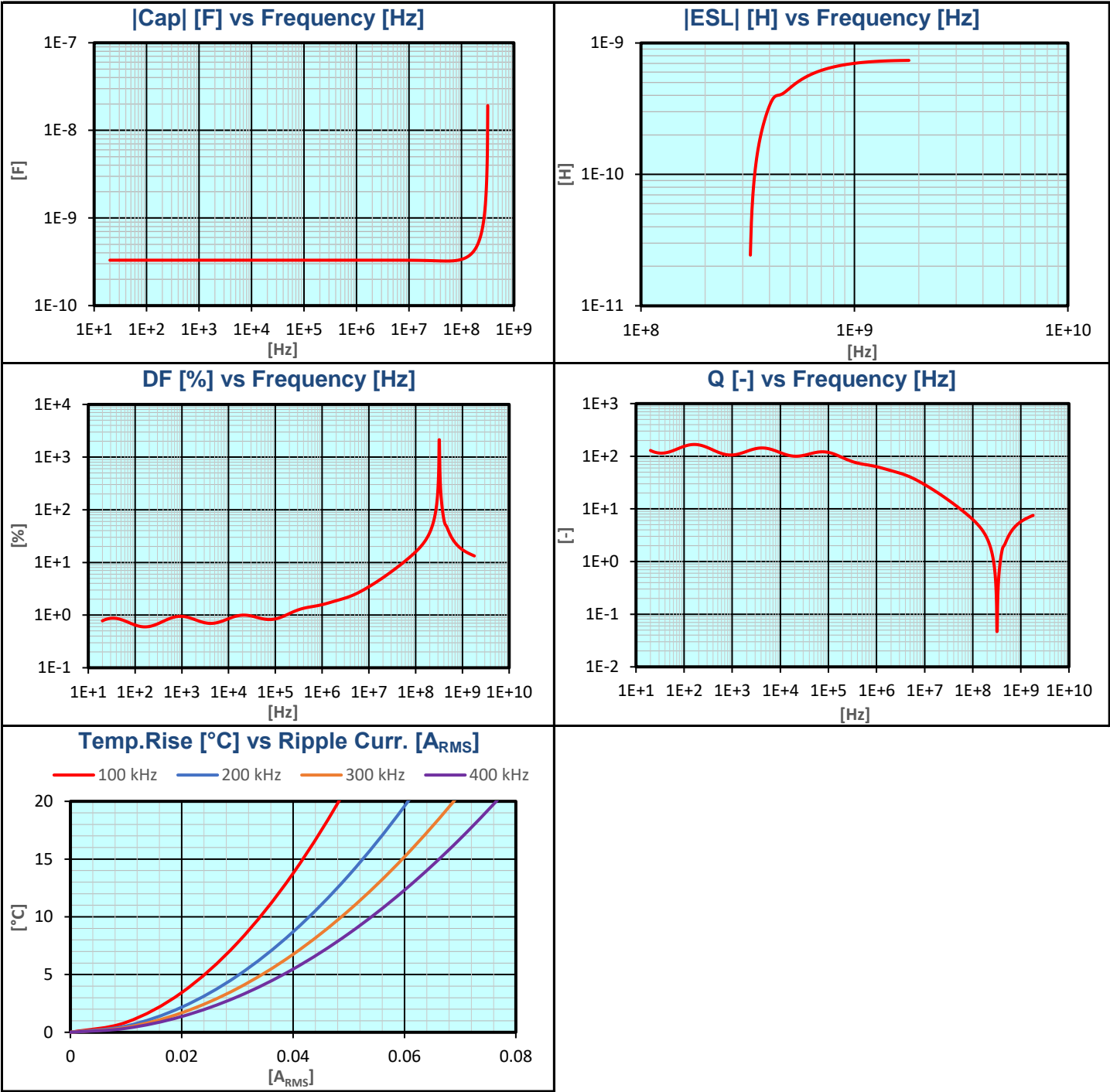
Basic Specifications

| Item | Unit | Spec. | Conditions |
|-----------------------|------------|-----------------|-------------------------------|
| Capacitance | pF | 297 to 363 | @ 1 kHz, 1 Vrms |
| DF | % | 10 max. | @ 1 kHz, 1 Vrms |
| IR | G Ω | 100 min. | @ 200 Vdc, t = 120 s |
| DWV | Vdc | 500 | @ I \leq 50mA, t \leq 5 s |
| Operating Temperature | | -55°C to +125°C | |
| Dielectric | | X7R | |
| AEC-Q200 | | Not qualified | |
| RoHS Compliant | | Yes | |
| Termination | | Sn | |

Electrical Characteristics



Electrical Characteristics



08052C331KAT2A Datasheet



(0805 200V X7R 330pF ±10%)

How To Order

| | | | | | | | | |
|--|---|---|---|--|---|---|--|---|
| 0805 T Size (L" x W") | 5 T Voltage 4V = 4 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5 100V = 1 200V = 2 500V = 7 | C T Dielectric X7R = C | 103 T Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros | M T Capacitance Tolerance J = ± 5%* K = ±10% M = ± 20% *≤1µF only, contact factory for additional values | A T Failure Rate A = Not Applicable 4=Automotive | T T Terminations T = Plated Ni and Sn Z= FLEXITERM®** *Optional termination **See FLEXITERM® X7R section | 2 T Packaging 2 = 7" Reel 4 = 13" Reel Contact Factory For Multiples | A T Special Code A = Std. Product |
| NOTE: Contact factory for availability of Termination and Tolerance Options for Specific Part Numbers. Contact factory for non-specified capacitance values. | | | | | | | | |
| NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are beleived to be accurate and reliable, but are presented without guarantee or responsibility of any kind, expressed or implied. Specifications are typical and may not apply to all applications. | | | | | | | | |