

# Multilayer Ceramic Chip Capacitors

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Note Technical Support Tool FAQ

**CKCL22C0G1H680K085AA**



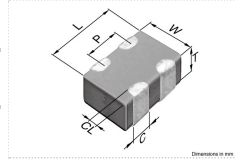
**TDK item description** ? CKCL22C0G1H680KT\*\*\*\*

**Applications** Commercial Grade

**Feature** 2-Array 2 in 1 Array

**Series** CKCL22(2012) [EIA 0805]

**Status** Production (Not Recommended for New Design)



Images are for reference only and show exemplary products.

PDF file of this page

Buy Now

Contact

**Documents**

- Catalog
- Specification
- RoHS Certificate
- SVHC/REACH Certificate
- Characterization Sheet
- Promotion Video
- Sample Kits

**Technical Support Tools**

- SPICE Netlist (Simple)
- SPICE Netlist (Precision)
- Equivalent Circuit Model

**Size**

Length(L)	2.00mm ±0.15mm
Width(W)	1.25mm ±0.15mm
Thickness(T)	0.85mm ±0.15mm
Terminal Width(C)	0.45mm Nom.
Terminal Spacing(P)	1.00mm Nom.
Recommended Land Pattern (PA)	0.55mm to 0.65mm
Recommended Land Pattern (PB)	0.55mm to 0.65mm
Recommended Land Pattern (PC)	0.40mm to 0.50mm
Recommended Land Pattern (PP)	0.95mm to 1.05mm

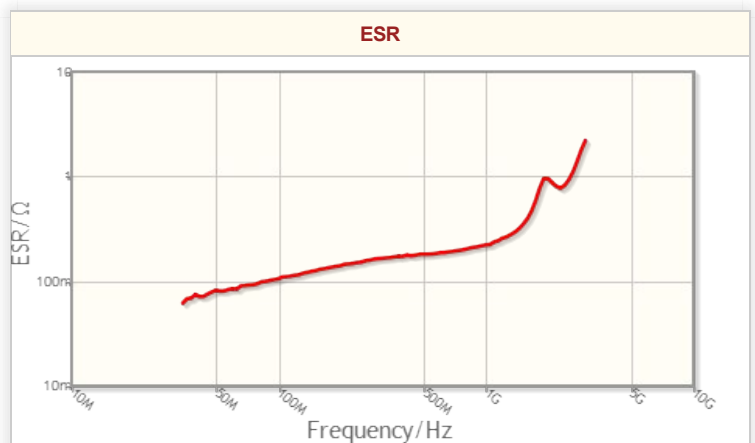
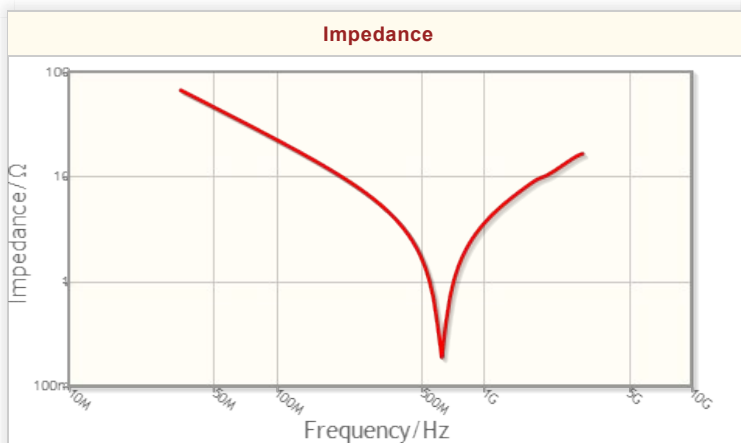
**Electrical Characteristics**

Capacitance	68pF ±10%
Rated Voltage	50VDC
Temperature Characteristic ?	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

**Other**

Soldering Method	Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	4000pcs

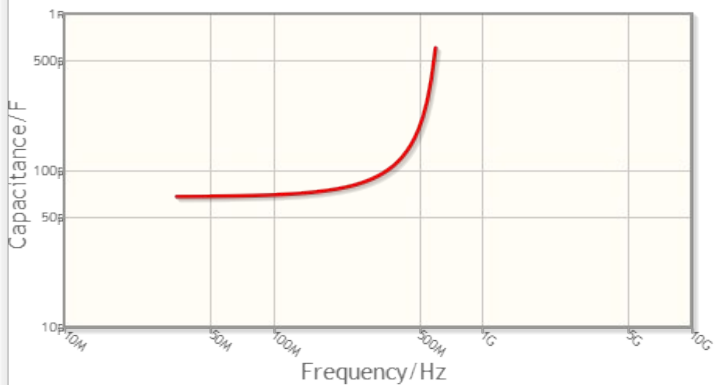
**Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)**



CKCL22C0G1H680K085AA

Change settings

### Capacitance

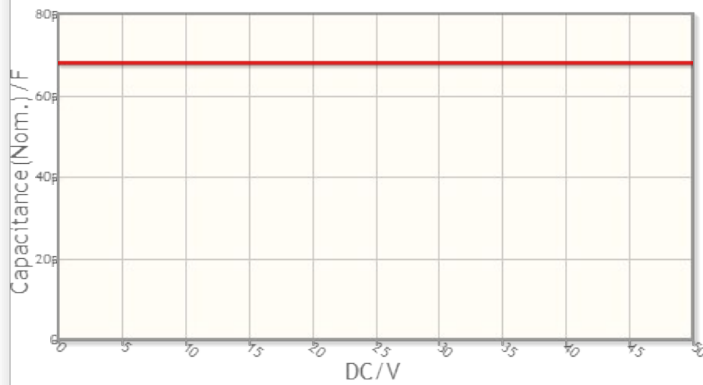


CKCL22C0G1H680K085AA

Change settings

Change settings

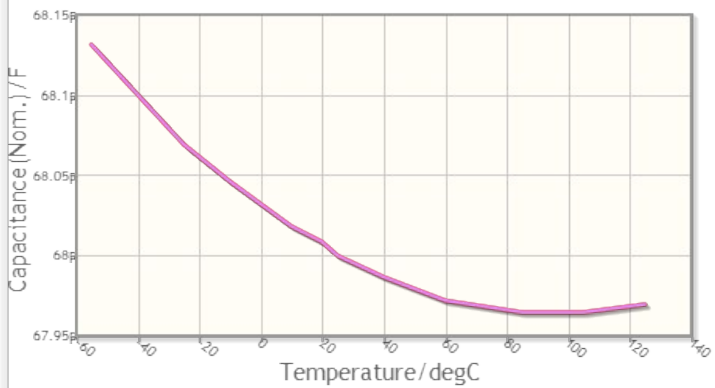
### DC Bias Characteristic



CKCL22C0G1H680K085AA

Change settings

### Temperature Characteristic



CKCL22C0G1H680K085AA( No Bias) CKCL22C0G1H680K085AA(DC Bias = 25V )

Change settings

### Ripple Temperature Rising

no data available

Change settings

## Products

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

- » Capacitors
- » Inductors (Coils)
- » EMC Components
- » RF / SAW Components and Modules
- » Voltage / Current / Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transformers
- » Ferrites and Accessories
- » Noise Suppressing / Magnetic Sheet
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storages
- » Wireless Charging
- » FA Systems
- » Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)
- » Solar Cells
- » Biosensor

## Application Guides

Technical Support



Tech Library

Environment

Contact

News

Home

-  About TDK
-  TDK Worldwide

[Terms of Use](#)

Copyright(c) 1996-2017 TDK Corporation. All rights reserved. TDK logo is a trademark or registered trademark of TDK Corporation.

