

# X7R with KONNEKT Technology

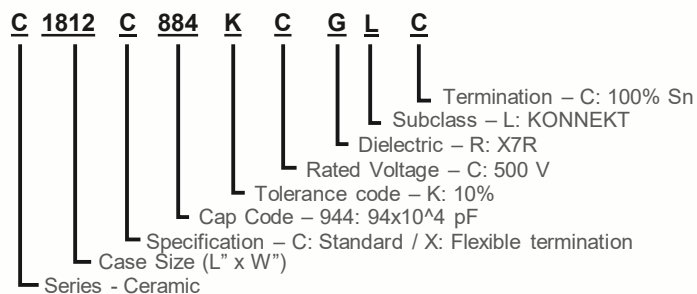
## Overview

X7R with KONNEKT™ technology surface mount capacitors are designed for applications where higher capacitance and voltage are needed without requiring additional board space. KONNEKT high density packaging technology uses a proprietary Transient Liquid Phase Sintering (TLPS) material to create a surface mount multi-chip solution for high density packaging.

## Benefits

- Commercial and Automotive grade (AEC-Q200)
- Stacked design saves PCB area.
- Lead (Pb)-free, RoHS, and REACH compliant
- Surface mount capable with standard reflow

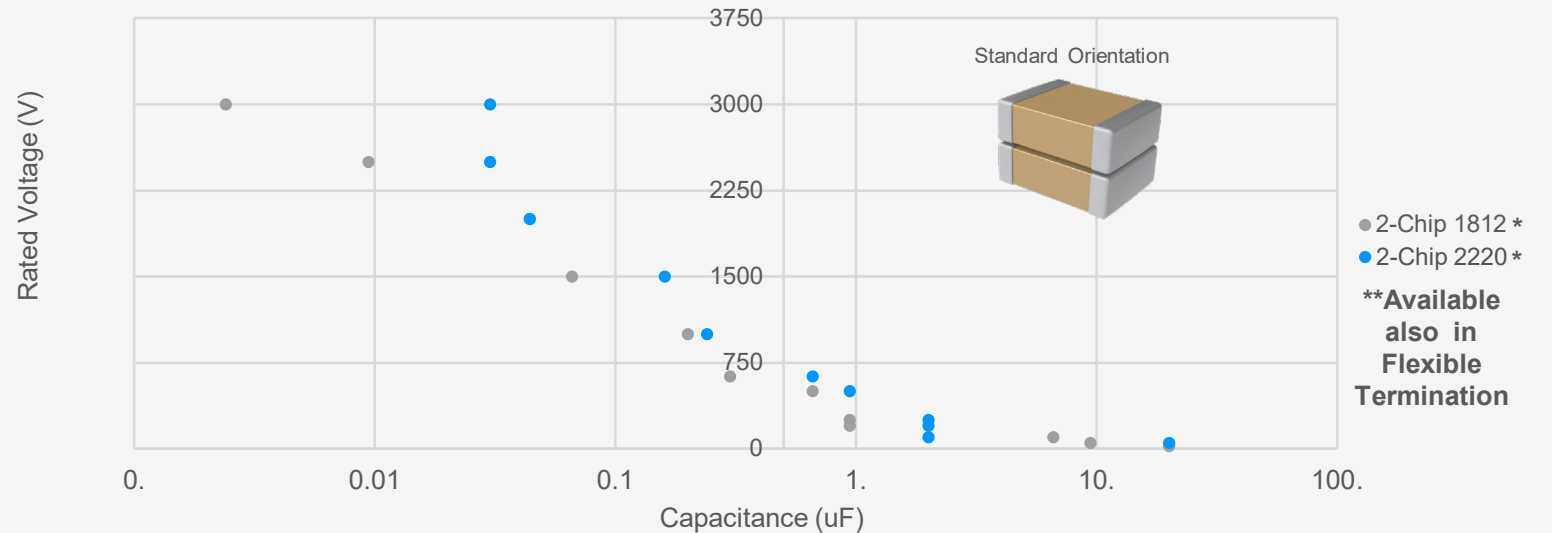
## Part Number System



## Electrical Characteristics

Operating Temperature	-55°C to +125°C
Rated Capacitance	2.4 nF – 20 uF (±10% tol.)
Rated Voltage	25 V – 3,000 V
EIA Case Size	1812 and 2220

## X7R with KONNEKT Selection Guide



## Applications

- SMPS (Switch Mode Power Supplies)
- Lighting Ballasts, HID Lighting
- DC/DC Converters
- Telecom Equipment
- Industrial and Medical Equipment
- Filters
- Snubbers
- DC Blocking