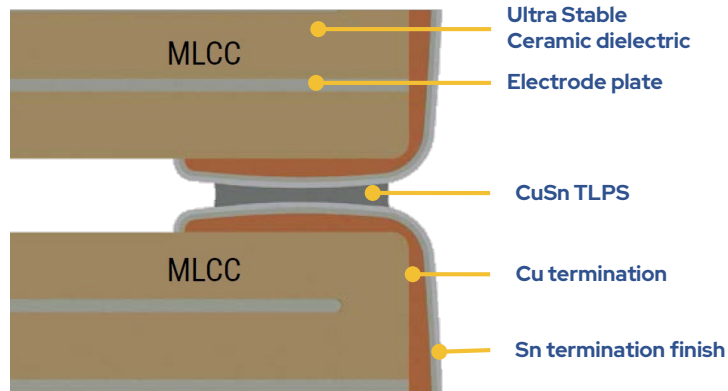


## Overview

KEMET's U2J with KONNEKT™ technology surface mount capacitors are designed high-efficiency and high-density power applications. KONNEKT utilizes an innovative Transient Liquid Phase Sintering (TLPS) material to create a leadless multi-chip solution. When combined with KEMET's ultra stable U2J dielectric, KONNEKT enables a low-loss, low-inductance package capable of handling extremely high ripple currents in the hundreds of kilohertz.

## Construction



## Benefits

- Stable capacitance with temperature, frequency, and voltage
- Extremely high-power density and ripple current capability
- Ultra-low ESR: 1.3 mΩ
- Ultra-low ESL: 0.4 nH
- Surface mount capable with standard reflow

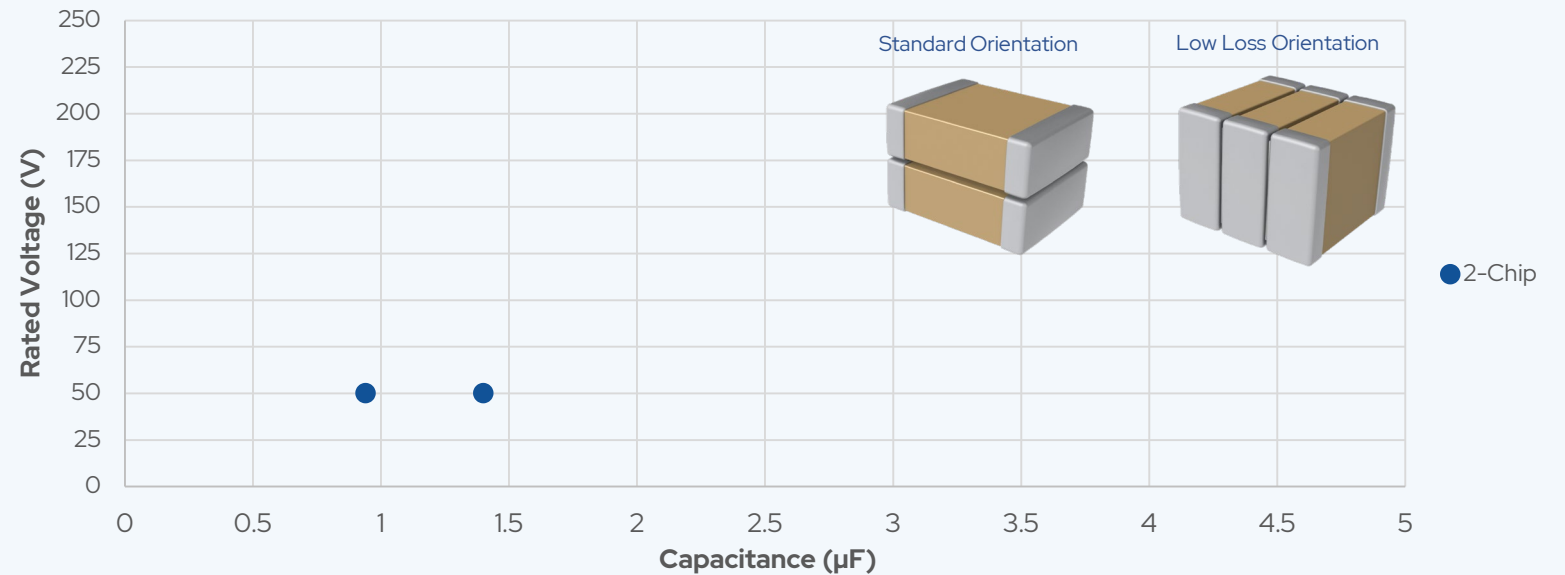
## Electrical Characteristics

Operating Temperature	-55°C to +125°C
Rated Capacitance	0.94 uF and 1.4 uF (±5% tol.)
Typical ESR at 100 kHz	1.3 mΩ max
Rated Voltage	50 V
EIA Case Size	1812

## MULTILAYER CERAMIC CAPACITORS

# U2J with KONNEKT Technology

## U2J with KONNEKT Selection Guide



## Part Number System

