

Murata TZC3R100A110B00 alternative



Chip Trimmer Capacitor with Minus & Cross Slot

Part Number: JKA3Mxx-JB



FEATURES

- Ultra miniature size with external dimensions of 3.2(W) x 4.5(L) x 1.5(T)mm
- Color coded case permits easy identification
- Very good Q and high resonant frequency
- Designed for reflow soldering
- Lowest capacitance drift
- Sealed construction prevents the penetration of Flux and Dust



SMD Ceramic Trimmer Capacitors 3mm JKA Series, are miniature and ultra-thin type surface mounting device, and are recommended for miniaturization of electronic equipment.

The capacity drift after adjustment is very low and having a very thin dustproof structure, these capacitors are most suited to the fine adjustment of items.

The plastic is a high temperature liquid-crystal polymer with low dielectric loss and good mechanical strength.

SPECIFICATIONS

| Item | Part No | JKA3M03JB | JKA3M06JB | JKA3M10JB | JKA3M20JB | JKA3M30JB |
|----------------------------------|---------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| | | 3pF | 6pF | 10pF | 20pF | 30pF |
| | | Black | Blue | Ivory | Pink | Green |
| Capacitance(pF Min) | | 1.5 MAX | 2.0 MAX | 3.0 MAX | 5.5 MAX | 8.0MAX |
| Capacitance(pF Max) | | 3.0 ⁺⁵⁰ -0% | 6.0 ⁺⁵⁰ -0% | 10.0 ⁺⁵⁰ -0% | 20.0 ⁺⁵⁰ -0% | 29.0 ⁺⁵⁰ -0% |
| Capacitance Drift (Max) | | ±2% | ±2% | ±2% | ±3% | ±3% |
| Temperature Coefficient (ppm/°C) | | NPO±300 | NPO±200 | N600±400 | N900±400 | N1200±400 |
| Q Value (at 1 Mhz, C max) | | 300min | 500 min | 700 min | 500 min | 250 min |
| DC Working Voltage | | 100 VDC | 100 VDC | 100 VDC | 100 VDC | 100 VDC |
| DC Withstanding Voltage | | 220 VDC | 220 VDC | 220 VDC | 220 VDC | 220 VDC |
| Insulation Resistance | | 10 ⁴ MΩMin | | | | |
| Operating Temperature | | -25°C to 85°C | | | | |
| Rotation Torque | | 15 ~ 72 gf.cm | | | | |

DIMENSIONS (mm)

