Ceramic Resonators (CERALOCK®)

muRata

kHz Chip Type -Standard Frequency Tolerance for General Usage-

MURATA's original package technologies have enabled the development of the kHz band "CERALOCK". The series is perfect in miniature remote control units and AV modules.
"CERALOCK" can be reflow soldered and mounted by automatic placers.

■ Features
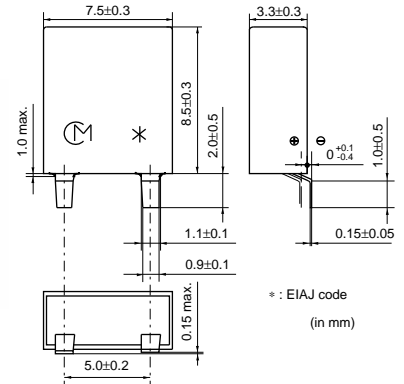
1. The series withstands reflow soldering.
2. The series is mountable by automatic placers.
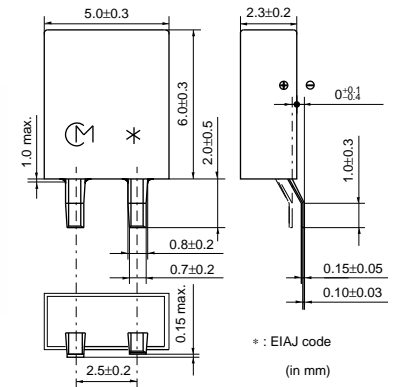3. No adjustment is necessary for oscillation circuits.

■ Applications

1. Clock oscillators for microprocessors
2. OA equipment
3. AV modules
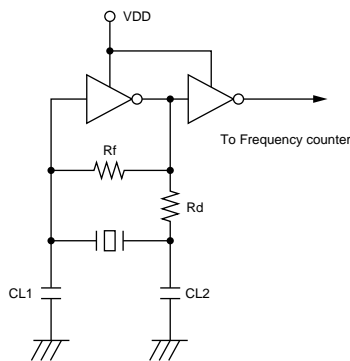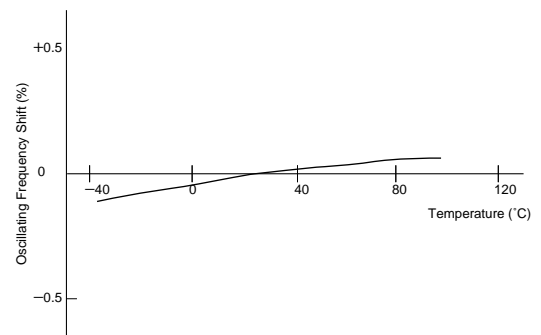
CSBFB_J
430-519kHz

CSBFB_J
700-1250kHz

∗ : EIAJ code
(in mm)

Part Number	Oscillating Frequency (kHz)	Initial Tolerance	Temp. Stability (%)	Temperature Range (°C)
CSBFB_J	430 to 519, 700 to 1250	±0.5%	±0.3	-20 to 80

Irregular or stop oscillation may occur under unmatched circuit conditions. Please check the actual conditions prior to use.

■ Oscillation Frequency Measuring Circuit
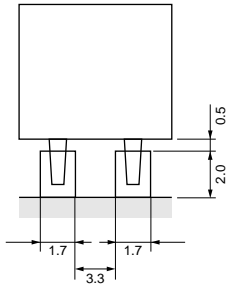
■ Oscillation Frequency Temperature Stability

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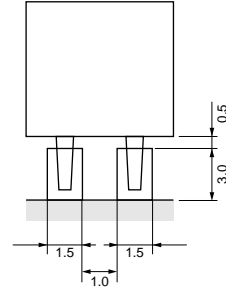◻ Continued from the preceding page.

■ Standard Land Pattern Dimensions

CSBFB_J (430-519kHz)

(in mm)

CSBFB_J (700-1250kHz)

(in mm)

6

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murata](#):

  CSBLA640KJ58-B0 CSBLA922KJ58-B0 CSBLA455KJ58-B0 CSBLA384KJ5E-B0 CSBFB460KJ58-R1

CSBFB922KJ58A CSBLB640KJ58-B0 CSBLA1M00J58A-B0 CSBLA750KJ58-B0 CSBLA720KJ58-B0

CSBLA590KEC8-B0 CSBLA630KEC8-B0 CSBLA670KEC8-B0 CSBLA710KJ58-B0 CSBLA790KJ58-B0

CSBLA830KJ58-B0 CSBLA870KJ58-B0 CSBLA950KJ58-B0 CSBLA970KJ58-B0 CSBLA700KJ58-B0

CSBLA990KJ58-B0 CSBFB456KJ2ZF39-R1 CSBLB578KJ58-B0 CSBLA400KECE-B0 CSBLA400KJ5E-B0

CSBLA480KJ58-B0 CSBLA429KJ5E-B0 CSBLA500KJ58-B0 CSBLA540KEC8-B0 CSBFB455KJ38-R1

CSBLA384KECE-B0 CSBFB1M20J58R1 CSBFB1M22J58002R1 CSBFB1M22J58R1 CSBFB1M25J58R1

CSBFB430KJ58R1 CSBFB440KJ58R1 CSBFB447KJ58R1 CSBFB450KJ58R1 CSBFB453KJ58R1

CSBFB456KJ58R1 CSBFB480KJ58R1 CSBFB492KJ58R1 CSBFB503KJ58R1 CSBFB700KJ58R1

CSBFB750KJ58R1 CSBFB800KJ58R1 CSBFB895KJ58R1 CSBFB900KJ58R1 CSBFB910KJ58R1

CSBFB912KJ58R1 CSBFB921KJ58R1 CSBFB960KJ58R1 CSBLA1M02J58B0 CSBLA1M03J58B0

CSBLA1M05J58001B0 CSBLA1M05J58B0 CSBLA1M07J58B0 CSBLA1M10J58B0 CSBLA1M11J58B0

CSBLA1M12J58B0 CSBLA1M15J58B0 CSBLA1M20J58B0 CSBLA1M21J58B0 CSBLA1M22J58001B0

CSBLA1M22J58B0 CSBLA1M23J58B0 CSBLA1M25J58B0 CSBLA375KECEB0 CSBLA393KECEB0

CSBLA409KECEB0 CSBLA410KECEB0 CSBLA420KECEB0 CSBLA421KECEB0 CSBLA425KECEB0

CSBLA426KECEB0 CSBLA429KECEB0 CSBLA432KEC8B0 CSBLA440KEC8B0 CSBLA447KEC8B0

CSBLA450KEC8B0 CSBLA453KEC8B0 CSBLA455KEC8BB0 CSBLA456KE2ZF11B0 CSBLA456KE2ZY11B0

CSBLA456KEC8B0 CSBLA460KEC8B0 CSBLA465KEC8B0 CSBLA468KEC8B0 CSBLA470KEC8B0

CSBLA475KEC8B0 CSBLA480KEC8BB0 CSBLA485KEC8B0 CSBLA580KEC8-B0 CSBLA490KEC8-B0

CSBLA492KEC8-B0 CSBLA493KEC8-B0 CSBLA500KEC8B-B0 CSBLA500KECZF02-B0 CSBLA503KEZZF12-B0