



Distributor of Citizen Finedevice: Excellent Integrated System Limited
Datasheet of CMJ206T32768DZBT - Crystal 32.7680kHz 20ppm 6pF 50 kOhm -40°C - 85°C
Surface Mount Cylindrical Can, Radial

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Citizen Finedevice](#)
[CMJ206T32768DZBT](#)

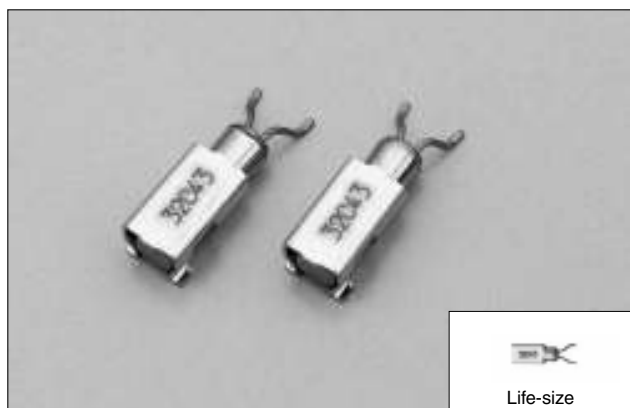
For any questions, you can email us directly:
sales@integrated-circuit.com

TUNING FORK CRYSTAL UNIT (SMD • Jacket Type)

RoHS compliant / Pb free

CMJ206T

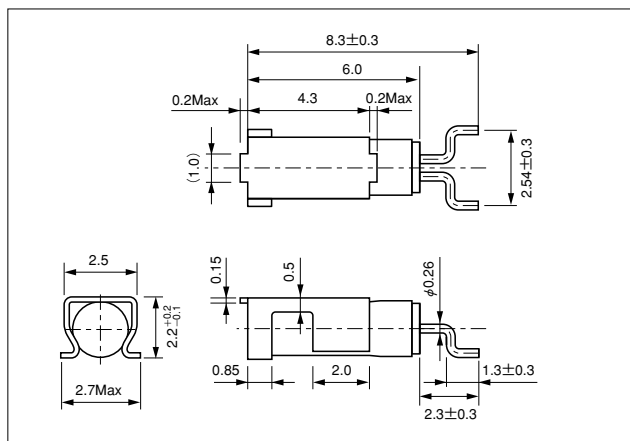
3000pcs/reel



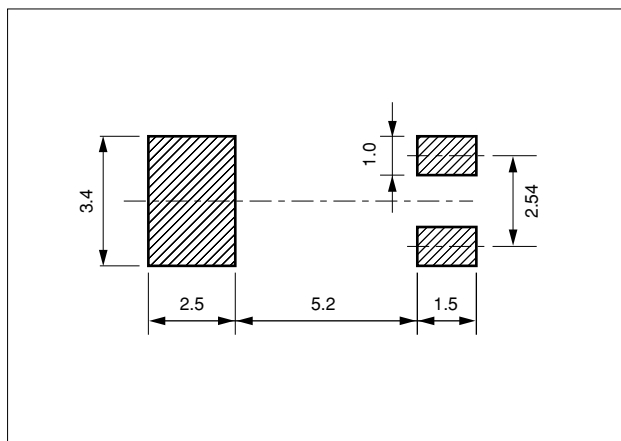
FEATURES

- High-density mounting SMD with jacket.
- Most appropriate for clock source for portable and other various equipment with low power consumption.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

Item	Model	CMJ206T	Conditions
Nominal Frequency	f ₀	32.768kHz	
Frequency Tolerance	Δ f/f ₀	±20ppm	at 25°C
Load capacitance	C _L	12.5pF	Need to specify your requirement
Operating Temperature Range	T _{OPR}	-40°C ~ +85°C	
Storage Temperature Range	T _{STR}	-55°C ~ +125°C	
Turnover Temperature	T _M	25°C ±5°C	
Temperature Coefficient	β	-0.034 ± 0.006ppm/°C ²	
Motional (series) resistance	R ₁	50K Ω Max.	at 25°C
Level of drive	DL	1 μW Max.	
Aging (first year)	Δ f/f ₀	±3ppm Max.	25°C ±3°C
Shunt capacitance	C ₀	1.35pF Typ.	

PART NUMBERING SYSTEM

Tuning Fork Crystal Units

When ordering or inquiring, please specify Part Number according to the following.

(Example Part Number)

CM315D

Model

- CFS-206
- CFS-145
- CFV-206
- CMR200T
- CMJ206T
- CM200C
- CM250C
- CM519
- CM415
- CM315D
- CM212

32 768

Frequency

Please mention numeral of the frequency in Hz unit.

Frequency Tolerance (at 25°C)

- A +/-30ppm (STD)
- B +/-50ppm
- C +/-100ppm
- D +/-20ppm (STD) 32.768kHz
- E +/-10ppm
- F +/-15ppm
- G +/-25ppm
- H +/-5ppm
- Z Others

* Standard shall differ subject to frequency.

D Z F T

Frequency Tolerance over Operating Temperature Range

- Z Standard Spec.

X X X

CTZ management code

To be assigned by CTZ after all specifications were fixed.

TAPE & REEL SPECIFICATION

- T Tape & Reel
- B Bulk

Load capacitance (CL)

A Series	G 13.0pF
B 6.0pF	Q 10.0pF
C 9.0pF (STD)	S 11.0pF
D 9.5pF	V 8.0pF
E 12.0pF	Y 7.0pF
F 12.5pF (STD)	Z Others