

32.768KHZ
DIP Crystals
3.0x8.0mm Y38 Series



Features

- Application for variety products reference clocks.
- reliable environmental performance.
- RoHS Compliant / Pb Free.



Crystals specifications

ITEMS/TYPE	Y38
Nominal Frequency	32.768KHz
Load Capacitance	7pF,9pF,12.5pF, or specify
Frequency Tolerance (at 25℃)	±20ppm, or specify
Operating Temperature Range	-70~+70℃, or specify
Parabolic Coefficient (B)	(-0.03±0.01) 10 ⁻⁶ * / °C ²
Shunt Capacitance (C0)	2.0pF typical
Drive Level	1.0μW Max.
Aging (at 25℃)	±3ppm/year Max.
Storage Temperature Range	-55~+125℃
Packing Unit	1000pcs/Reel

Equivalent Series Resistance(ESR)

Fundamental	
32.768KHz	40KΩ Max.

Dimensions and patterns(unit:mm)

