

# ECS-.327-CDX-2216 **SMD CRYSTAL**

**Request a Sample** 

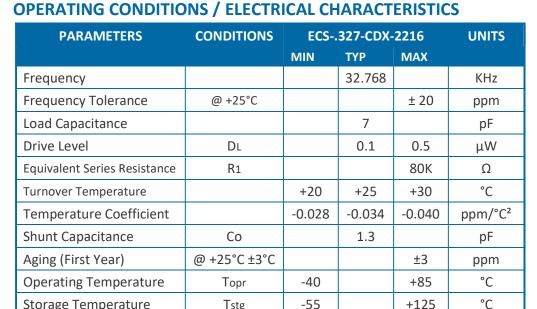
The ultra-minature ECS-.327-CDX-2216 is a very compact SMD Tuning Fork Crystal with a ESR of  $80K\Omega$  and a tolerance of  $\pm 20$  ppm. The 1.6 x 1.0 x 0.5 mm ceramic package is ideal for IOT applications.



# ECS-.327-CDX-2216

- Low Profile 0.5 mm Max.
- 1.6 x 1.0 mm Footprint
- ±20 ppm tolerance @ +25°C
- Extended Temp. Range
- RoHS Compliant
- Low Power RTC Applications such as STM32 AN2867

### **DIMENSIONS (mm)**

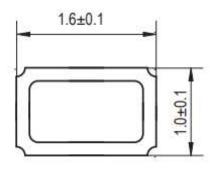


Tstg

@ 100V DC

-55

500M



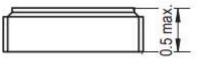
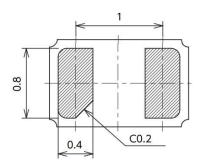


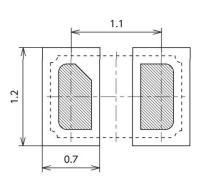
Figure 1) Top, Side, and Bottom views



Storage Temperature

Insulation Resistance

PAD CONNECTIONS	
1	In/Out
2	Out/In



+125

0

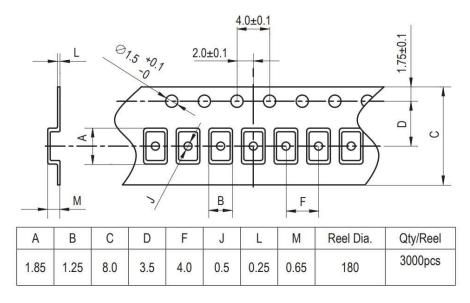
### Part Number: ECS-.327-CDX-2216

Figure 2) Suggested Land Pattern





## **POCKET TAPE DIMENSIONS (mm)**



SOLDER PROFILE	
Peak solder Temp +260°C Max 10 sec Max.	
2 Cycles Max.	
MSL 1, Lead Finish Au	

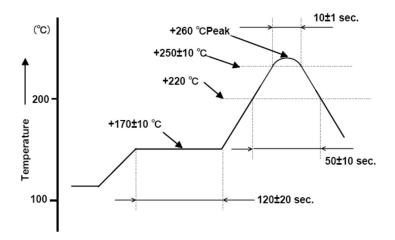


Figure 1) Suggested Reflow Profile

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ECS: ECS-.327-CDX-2216