

The miniature ECX-71 is a very compact SMD Tuning Fork Crystal. The 7 x 1.5 x 1.4 mm plastic package is ideal for commercial and industrial applications.

ECX-71 SMD CRYSTAL

[Request a Sample](#)

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

ECX-71 SMD CRYSTAL



- Low Profile
- 7 x 1.5 mm Footprint
- Extended Temp. Range
- RoHS Compliant
- Low Power RTC Applications
such as STM32 [AN2867](#)

DIMENSIONS (mm)

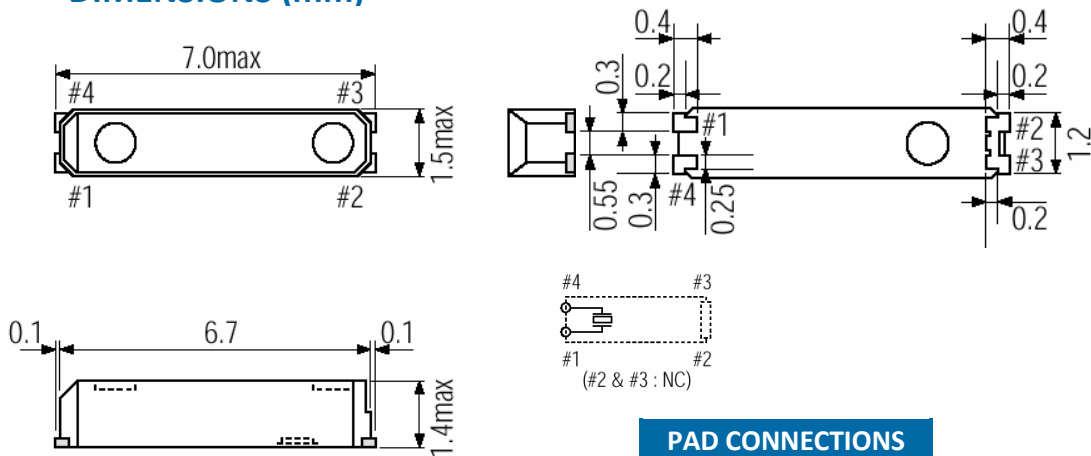


Figure 1) Top, Side, and Bottom views

PAD CONNECTIONS

1	In/Out
4	Out/In

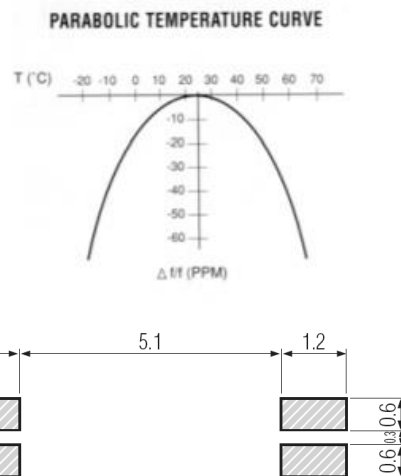
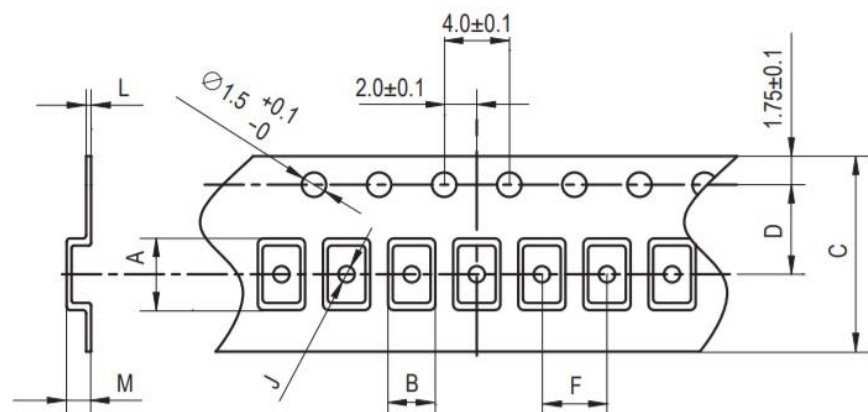


Figure 2) Suggested Land Pattern

PART NUMBERING GUIDE: Example ECS-.327-12.5-38-TR

ECS - FREQUENCY ABBREVIATION		LOAD CAPACITANCE	PACKAGE	PACKAGING
ECS	.327 = 32.768 KHz	12.5 = 12.5 pF 9 = 9 pF 7 = 7 pF 6 = 6 pF	-38 = ECX-71	TR = Tape & Reel 3K/Reel

POCKET TAPE DIMENSIONS (mm)



A	B	C	D	F	J	L	M	Reel Dia.	Qty/Reel
7.2	1.55	16.0	7.5	4.0	1.0	0.3	1.5	180	3000pcs

SOLDER PROFILE

Peak solder Temp +260°C Max 10 sec Max.

2 Cycles Max.

MSL 1, Lead Finish Sn



Figure 1) Suggested Reflow Profile