

The ultra-miniature ECX-1048 is our smallest compact Crystal. The 1.2 x 1.0 x 0.33 mm ceramic package is ideal for receivers, video, audio, and mobile applications.

ECX-1048 SMD CRYSTAL

[Request a Sample](#)

ECX-1048 SMD CRYSTAL



- Low Profile
- 1.2 x 1.0 mm Footprint
- Extended Temp. Range
- RoHS Compliant
- IOT/Wearable Applications

DIMENSIONS (mm)

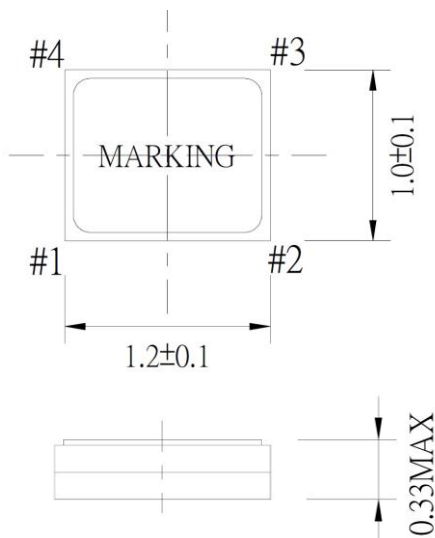
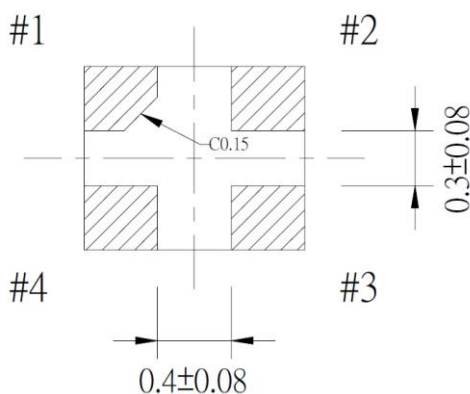


Figure 1) Top, Side, and Bottom views



PAD CONNECTIONS	
1	In/Out
2	NC
3	Out/In
4	Gnd

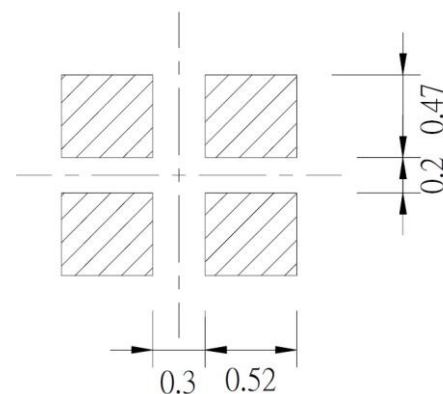


Figure 2) Suggested Land Pattern

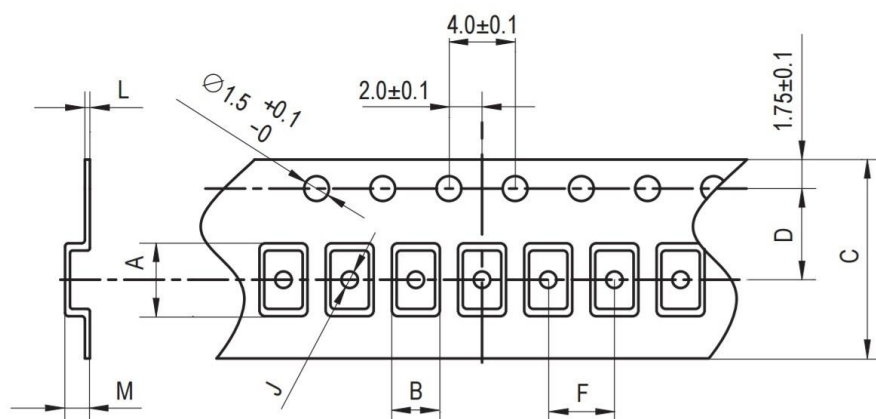
PART NUMBERING GUIDE: Example ECS-240-10-48-CKY-TR

ECS - FREQUENCY ABBREVIATION	LOAD CAPACITANCE	PACKAGE	CUSTOM OPTIOND			PACKAGING	
			Tolerance	Stability	Temp Range		
ECS	240 = 24.000 MHz See P/N Guide	8 = 8 pF 10 = 10 pF	-48 = ECX-1048	A = ± 25 ppm J = ± 20 ppm R = ± 15 ppm C = ± 10 ppm	E = ± 50 ppm G = ± 30 ppm H = ± 25 ppm T = ± 20 ppm W = ± 15 ppm K = ± 10 ppm	M = -20 ~ +70°C Y = -30 ~ +85°C N = -40 ~ +85°C	TR = Tape & Reel 1K/Reel

*Contact ECS for availability

Rev.2017

POCKET TAPE DIMENSIONS (mm)



A	B	C	D	F	J	L	M	Reel Dia.	Qty/Reel
1.42	1.17	8.0	3.5	4.0	0.5	0.2	0.65	180	1K/Reel

SOLDER PROFILE

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

2 Cycles Max.

MSL 1, Lead Finish Au

STANDARD FREQUENCIES

Abbreviation	Frequency (MHZ)
240	24.000
260	26.000
360	36.000
374	37.400
384	38.400
400	40.000
520	52.000

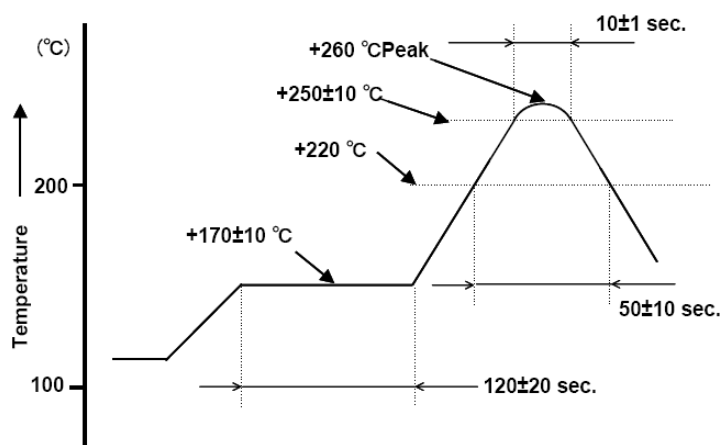


Figure 1) Suggested Reflow Profile