

The miniature ECS-23G is a compact SMD Crystal. The industry standard 6 x 3.5 x 1.2 mm ceramic package is ideal for today's SMD manufacturing environment.

ECS-23G SMD CRYSTAL

[Request a Sample](#)

ECS-23G SMD CRYSTAL



- Low Profile
- 6.0 x 3.5 mm Footprint
- Extended Temp. Range
- RoHS Compliant

DIMENSIONS (mm)

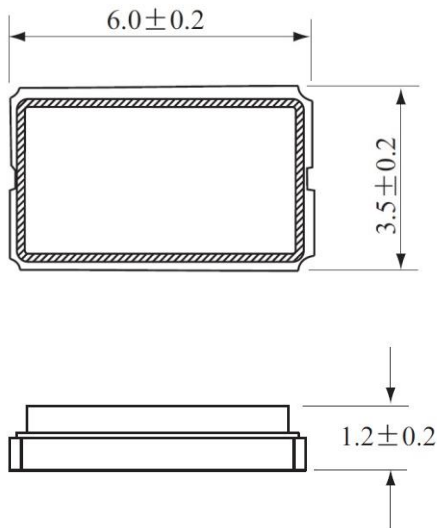
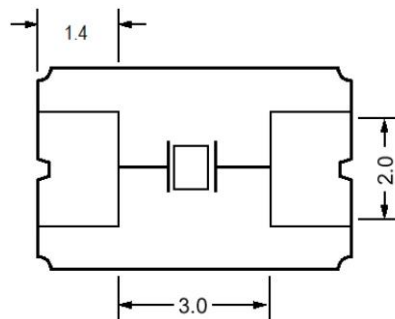


Figure 1) Top, Side, Bottom views



Frequency (MHz)	ESR Ω Max.
8.000 ~ 9.999	100
10.000 ~ 11.999	80
12.000 ~ 15.999	60
16.000 ~ 50.000	50

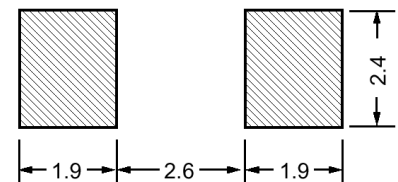


Figure 2) Suggested land pattern

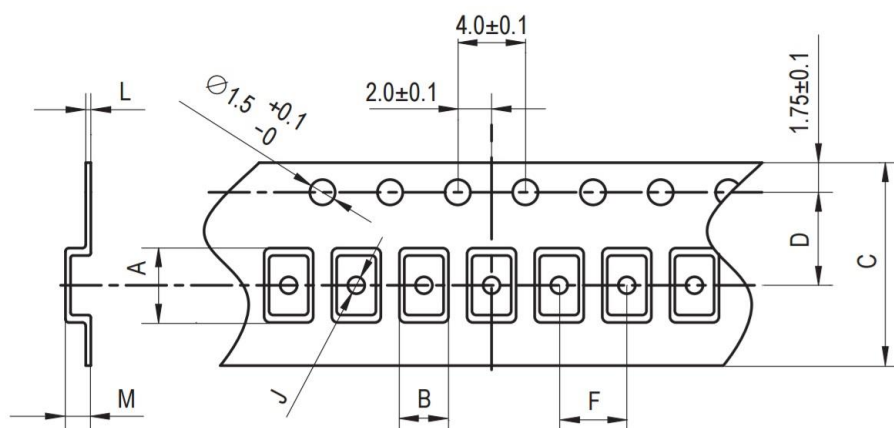
PART NUMBERING GUIDE: Example ECS-240-18-23G-JGN-TR

ECS - FREQUENCY ABBREVIATION		LOAD CAPACITANCE	PACKAGE	CUSTOM OPTIOND			PACKAGING
				Tolerance	Stability	Temp Range	
ECS	240 = 24.000 MHz See P/N Guide	18 = 18 pF	-23G = ECS-23G	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	L = -10 ~ +70°C 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
6.4	3.9	12.0	5.5	8.0	1.5	0.3	1.5	178	1000pcs

SOLDER PROFILE

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

2 Cycles Max.

MSL 1, Lead Finish Au

DEVELOPED FREQUENCIES

Abbreviation	Frequency (MHZ)
080	8.000
100	10.000
120	12.000
160	16.000
184	18.432
200	20.000
240	24.000
250	25.000
480	48.000

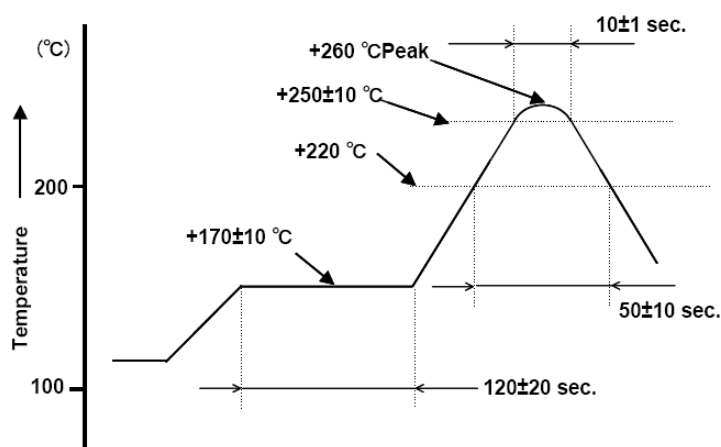


Figure 1) Suggested Reflow Profile