

- ▶ 3.2 x 1.5 mm Footprint
- ▶ MSL 1
- ▶ Lead Finish Au (0.7 ~ 1.2 μ m)
- ▶ -40 ~ +125 °C Operating Temp
- ▶ RoHS 2011/65/EU Compliant
- ▶ REACH Compliant

ECX-34S

SMD TUNING FORK CRYSTAL

The ultra-miniature ECX-34S is a very compact SMD Tuning Fork Crystal with a -40 ~ +125 °C Operating Temperature. The 3.2 x 1.5 x 0.9 mm ceramic package is ideal for today's SMD manufacturing environment.

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	ECX-34S			UNITS
		MIN	TYP	MAX	
Frequency	Fo		32.768		KHz
Frequency Tolerance	@ +25 °C			± 20	ppm
Load Capacitance	Specify in P/N		12.5		pF
Drive Level	DL		0.1	1.0	μ W
Equivalent Series Resistance	R1			70K	Ω
Turnover Temperature		+20	+25	+30	°C
Temperature Coefficient			-0.034	-0.040	ppm/°C ²
Shunt Capacitance	Co		1.05		pF
First Year Aging	+25 °C ±3 °C			± 3	ppm
Operating Temperature	Topr	-40		+125	°C
Storage Temperature	Tstg	-55		+125	°C
Insulation Resistance	@ 100V DC	500M			Ω

TOP, BOTTOM, SIDE VIEWS & LAND PATTERN

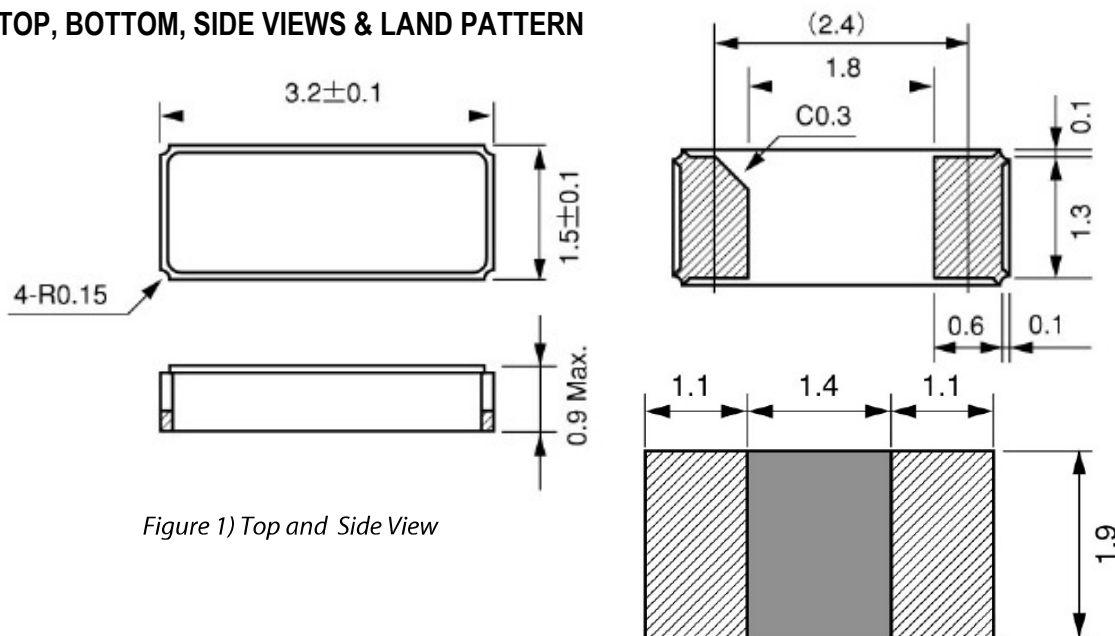


Figure 1) Top and Side View

Figure 2) Bottom View and Suggested Land

PART NUMBERING GUIDE: Example ECS-.327-12.5-34S-TR

ECS	- Frequency Abbreviation	- Load Capacitance	- Package Type	- Packaging
	.327 = 32.768 KHz	12.5 = 12.5 pF 6 = 6.0 pF	-34S = ECX-34S	-TR = Tape & Reel 3K/Reel

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692
Email amall@ameya360.com
QQ 800077892
Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333
Email mkt@ameya360.com