

The ECS-CTA Series SMD ceramic resonator is a low cost frequency control solution when absolute frequency accuracy is not important.

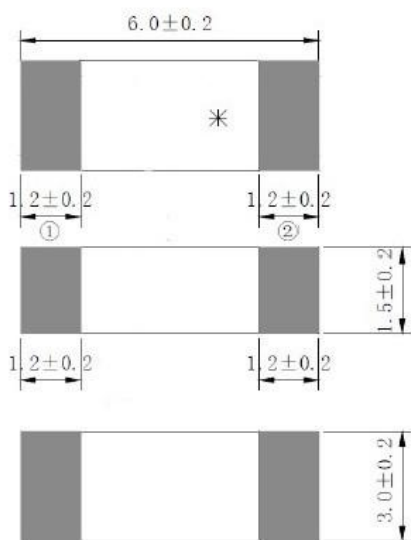
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ECS-CTA SMD RESONATOR



- 6.0 x 3.0 mm package
- Industry Standard footprint
- Extended Temp. Range

DIMENSIONS (mm)



*:EIAJ Monthly Code

PAD CONNECTIONS	
1	In/Out
2	Out/In

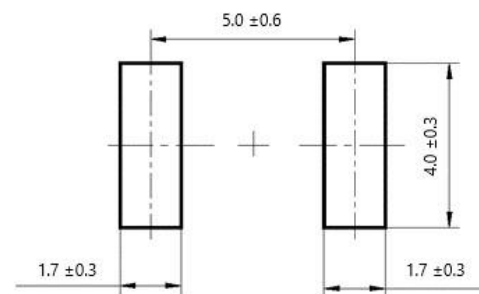


Figure 1) Top, Side, and Bottom views

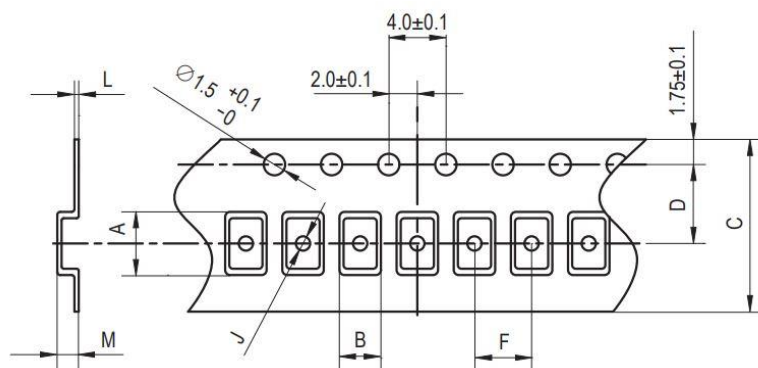
Figure 2) Suggested Land Pattern

PART NUMBERING GUIDE: Example ECS-CTA-8.00-TR

ECS -CTA	FREQUENCY	PACKAGING
	8.00 = 8.000 MHz *See Developed Frequencies Pg. 2	TR = Tape & Reel 2.5K/Reel

*Contact ECS for availability of non-developed frequencies.

POCKET TAPE DIMENSIONS (mm)



A	B	C	D	F	J	L	M	Reel Dia.
6.4	3.4	16.0	7.5	8.0	1.6	0.3	2.1	330 mm

SOLDER PROFILE

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

2 Cycles Max.

MSL 1, Lead Finish Sn/Ag

DEVELOPED FREQUENCIES

1.84 MHz

2.00 MHz

3.58 MHz

3.64 MHz

3.68 MHz

4.00 MHz

4.19 MHz

4.91 MHz

5.00 MHz

6.00 MHz

8.00 MHz

10.00 MHz

12.00 MHz

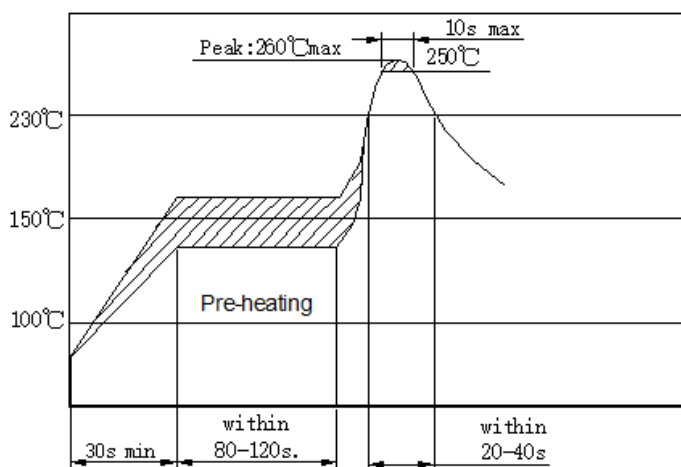


Figure3) Suggested Reflow Profile

Note: ECS does not approve the use of its products in Automotive, Military, Avionics, Life Sustaining or Life Support systems or any other related medical applications without written approval from ECS Inc.

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