

CAR AUDIO

7 Band 2 ch Graphic Equalizer with Electronic Potentiometer Built-in

EA2007 is a highly integrated hybrid IC which contains in its inside seven elements resonance circuits, two circuits of one high performance operational amplifier and TC 9187, which is an electronic potentiometer IC for graphic equalizer.

FEATURES

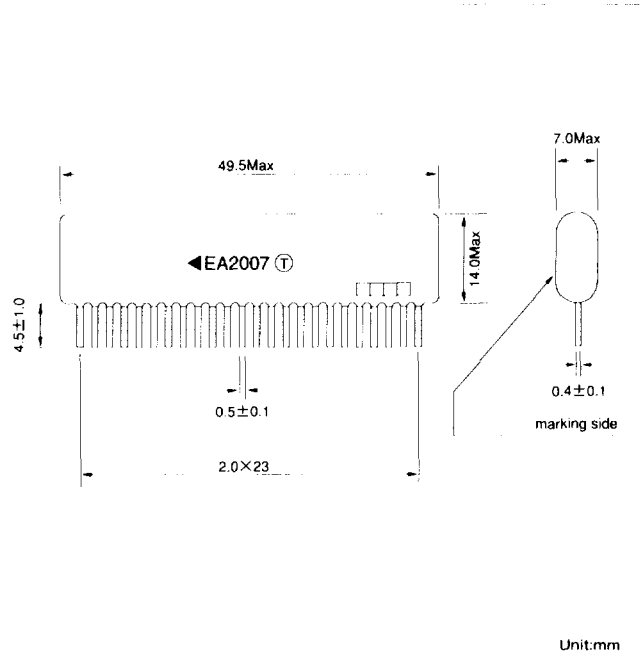
- TC 9187 is directly bonded.
- It contains seven resonance circuits of frequency centers 63Hz, 125Hz, 250Hz, 500Hz, 1kHz, 3.5kHz, and 10kHz.
- Potentiometer is variable in 13 steps ($\pm 12\text{dB}/2\text{dB}$ step) by serial data input.
- It has an advantageous space factor as it is contained in a single end package.

ABSOLUTE MAXIMUM RATINGS

($T_A = 25^\circ\text{C}$, unless specified)

Item	Symbol	Rating	Unit
Supply voltage	Vcc	13	V
Power dissipation	Pp	500	mW
Operating temperature	Topr	-30 ~ +75	°C
Storage temperature	Tstg	40 ~ +85	°C

OUTLINE DIMENSIONS



INTERNAL CIRCUIT

