



GYRO SENSOR FOR AUTOMOTIVE



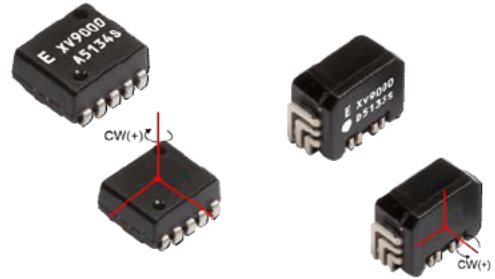
Product number
XV-9100LV: X2A000031xxx00
XV-9100LP: X2A000041xxx00
XV-9300LV: X2A000051xxx00
XV-9300LP: X2A000061xxx00

XV-9100LV / LP
XV-9300LV / LP

- Wide temperature support, up to +125degree, good for engine room usage.
High reliability by installing the self diagnosis function
Ultra small and light weight using the original Double-T structure quartz crystal element.
Excellent performance of shock-resistance and vibration-resistance.
High reliability and connectivity to PCB using J-head terminal.
Conforms to AEC-Q100 (please contact us)

Recommended Application

- Electric Stability Control System / Rollover Protection System



Specifications (characteristics)

Table with 4 columns: Item, Symbol, Specifications (XV-9100LV / LP, XV-9300LV / LP), and Conditions / Remarks. Rows include Supply Voltage, Temperature range, Scale factor, Bias, Rate range, Non linearity, Frequency response, Cross axes, Current consumption, Noise, and Start-up time.

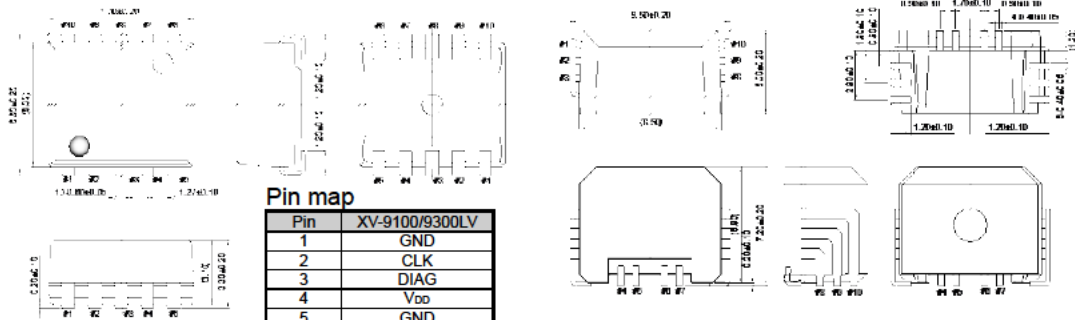
Product Name (Standard form) XV-9100 LV *** kHz
① Model ② Package type ③ Frequency (not necessary to specify)

External Dimensions

(Unit:mm)

XV-9100LV / XV-9300LV

XV-9100LP / XV-9300LP



Pin map table for XV-9100/9300LV: Pin 1 GND, 2 CLK, 3 DIAG, 4 VDD, 5 GND, 6 N.C., 7 Vout, 8 GND, 9 CHECK, 10 N.C.

Pin map

Pin map table for XV-9100/9300LP: Pin 1 CHECK, 2 GND, 3 Vout, 4 N.C., 5 N.C., 6 GND, 7 GND, 8 VDD, 9 DIAG, 10 CLK

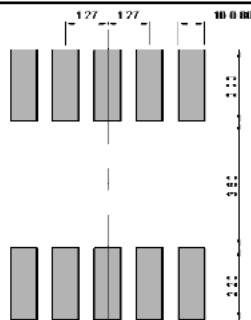
Do not connect "N.C." pins externally devices.

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Footprint (Recommended)

(Unit:mm)

XV-9100LV
XV-9300LV



XV-9100LP
XV-9300LP

