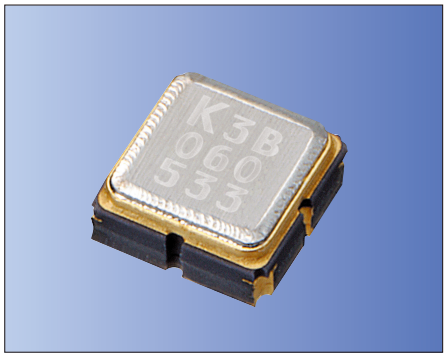
SAW Resonators
PARV Series

KYOCERA

for Automotive



Pb Free RoHS Compliant

Surface Acoustic Wave Resonator for TPMS

Features

- Small size
- High reliability
- Excellent temperature characteristics

Applications

- Tire Pressure Monitoring System (TPMS)

How to Order

PARV 315000 A
① ② ③

① Series
② Resonant Frequency (kHz)
③ Type

Dimensions (Unit: mm)

Fig. A

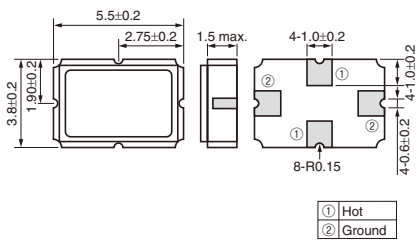
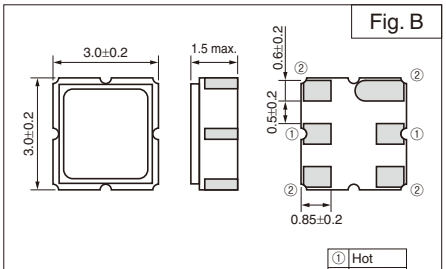


Fig. B



Recommended Land Pattern (Unit: mm)

Fig. C

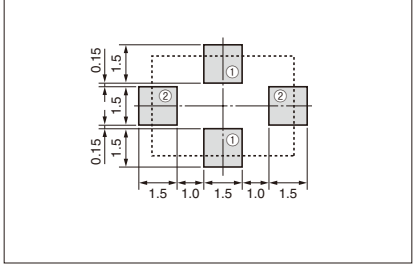
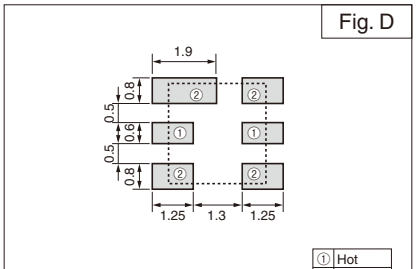


Fig. D



Packaging (Unit: mm)

Fig. E

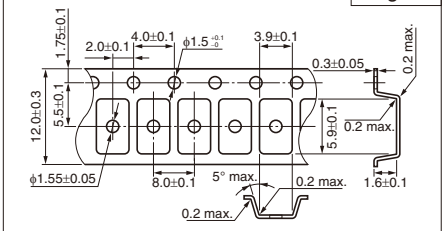
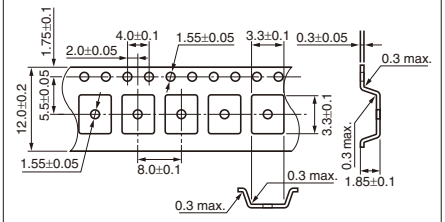
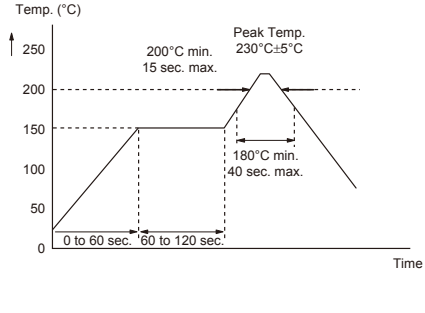


Fig. F



Specifications

Part Number	Resonant Frequency (MHz)	Resonant Loss (dB)	Parallel Capacitance (pF)	Operating Temperature (°C)	Storage Temperature (°C)	Dimemsions	Recommended Land Pattern	Packaging
PARV315000A	315.000±0.100	2.0 max.	3.2 max.	–40 to 125	–40 to 125	Fig. A	Fig. C	Fig. E
PARV433920A	433.920±0.100	2.0 max.	3.2 max.	–40 to 125	–40 to 125	Fig. A	Fig. C	Fig. E
PARV315000E	315.000±0.100	2.0 max.	3.2 max.	–40 to 125	–40 to 125	Fig. B	Fig. D	Fig. F
PARV433920E	433.920±0.100	2.0 max.	3.2 max.	–40 to 125	–40 to 125	Fig. B	Fig. D	Fig. F

Recommended Reflow Profile