

Extended Temp High Reliability Crystal



Model: FXA3225BG Series

RoHS Compliant

Rev. 2/27/2009

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FEATURES

- Meets AEC-Q200 Requirements
- 1.0mm Height
- Tape and Reel (1,000 pcs. STD)

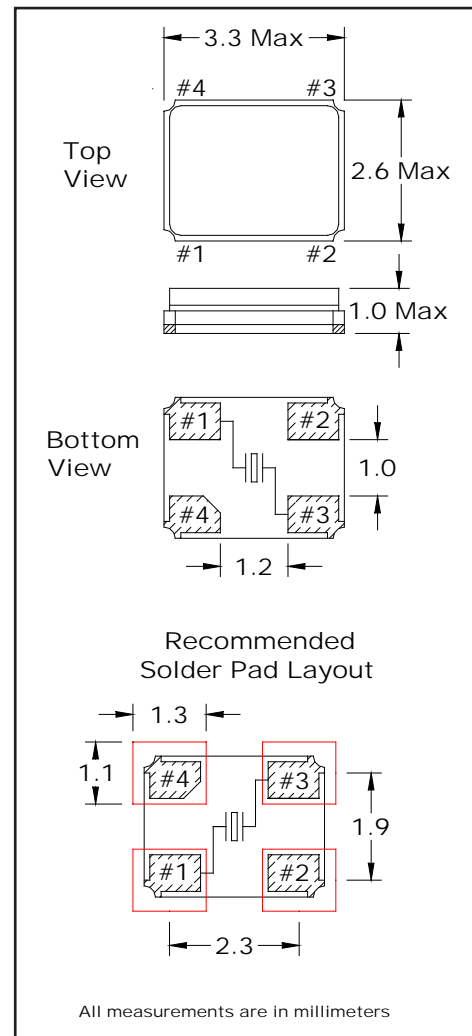
| • PART NUMBER Learn More - Internet Required | | |
|--|--------------|-----------------------|
| Part Number | Model Number | Frequency Range (MHz) |
| 507BG-Frequency-xxxxx | FXA3225BG | 15.000 ~ 40.000 |

| • STANDARD SPECIFICATIONS | |
|----------------------------------|------------------------------|
| PARAMETERS | MAX (unless otherwise noted) |
| Frequency | 15.000 ~ 40.000 MHz |
| Frequency Tolerance @ 25°C | ±30 PPM, ±50 PPM |
| Frequency Stability @ 25°C | |
| -40 ~ +125°C | ±100 PPM |
| -40 ~ +85°C | ±50 PPM |
| Temperature Range | |
| Operating (TOPR) | -40°C ~ +125°C |
| Storage (TSTG) | -40°C ~ +125°C |
| Shunt Capacitance (Co) | 5pF |
| Load Capacitance (CL) | 8pF~Series |
| Drive Level | 100µW |
| Aging per year | ±5 PPM |
| Maximum Soldering Temp / Time | 260°C / 10 Seconds |
| Moisture Sensitivity Level (MSL) | 1 |
| Termination Finish | Au |
| Seal Method | Glass |

| Frequency Range (MHz) | Operating Mode | Max ESR Ω |
|-----------------------|----------------|-----------|
| 15.000 ~ 15.999999 | Fundamental | 100 |
| 16.000 ~ 40.000000 | Fundamental | 80 |

Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary.

The above specifications, having been carefully prepared and checked, are believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.



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| • TAPE SPECIFICATIONS (millimeters) | | | | | | | |
|-------------------------------------|-------|-----|-----|-----|-----|-----|--------------|
| MODEL | A | B | C | D | E | F | STD Reel QTY |
| FXA3225BG | ∅1.55 | 4.0 | 4.0 | 3.5 | 8.0 | 1.4 | 1,000 |

| • REEL SPECIFICATIONS (millimeters) | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|------|-----|-----|
| MODEL | G | H | I | J | K | L | M |
| FXA3225BG | 2.0 | ∅13 | ∅21 | ∅60 | ∅180 | 9.0 | 2.0 |

