

PLETRONICS

Crystal Controlled Oscillators

ULTRA-LOW JITTER - 3rd O/T Crystal

-10 to +70°C, -20 to +70°C, -40 to 85°C

PECL OR LVDS OUTPUT

2.5 VOLT AND 3.3 VOLT

***Select frequencies**

RoHS 6/6 Compliant

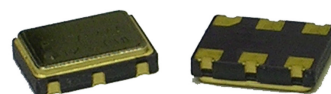
**New Ultra-Low
Jitter Series**

PE77K Series

LCC Ceramic Package

5.0 x 7.0 x 2.0 mm

- ◆ PE77K is 3rd Overtone crystal
- ◆ 100.0, 106.25, 125.0, 133.0, 156.25 MHz
- ◆ Improved jitter
- ◆ Typical 50fs Jitter 12kHz–20MHz at 156.25MHz



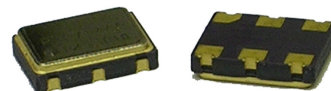
PECL OUTPUT

LV77K Series

LCC Ceramic Package

5.0 x 7.0 x 2.0 mm

- ◆ LV77K is 3rd Overtone crystal
- ◆ 100.0, 106.25, 125.0, 133.0, 156.25 MHz
- ◆ Improved jitter
- ◆ Typical 50fs Jitter 12kHz–20MHz at 156.25MHz



LVDS OUTPUT

Applications:

- SyncE
- 40GbE / 10GbE

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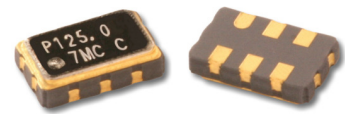


PE55K Series

LCC Ceramic Package

3.2 x 5.0 x 1.35 mm

- ◆ PE55K is 3rd Overtone crystal
- ◆ 100.0, 106.25, 125.0, 133.0, 156.25 MHz
- ◆ Improved jitter
- ◆ Typical 50fs Jitter 12kHz–20MHz at 156.25MHz



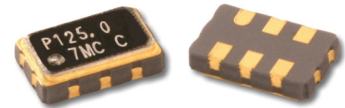
PECL OUTPUT

LV55K Series

LCC Ceramic Package

3.2 x 5.0 x 1.35 mm

- ◆ LV55K is 3rd Overtone crystal
- ◆ 100.0, 106.25, 125.0, 133.0, 156.25 MHz
- ◆ Improved jitter
- ◆ Typical 50fs Jitter 12kHz–20MHz at 156.25MHz



LVDS OUTPUT

Applications:

- SyncE
- 40GbE / 10GbE