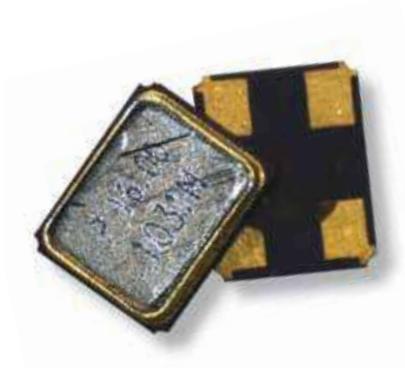


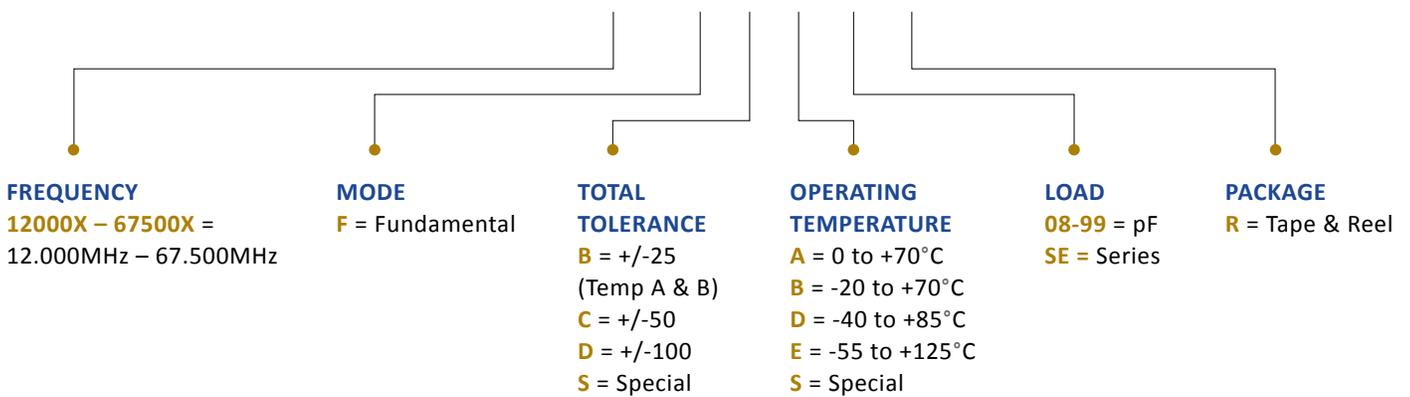
C3-Series Specifications



3.20L x 2.50W x 0.75H (mm)

PDI *C3-Series* is a hermetically sealed quartz crystal in a seam-welded ceramic SMT package. This crystal, designed to meet your most demanding specification, is available in standard or custom frequencies and/or with customized parameters. PDI provides quick-turn sampling for your proto-typing needs, mass production capability, and competitive pricing.

ex) **C3—25000X—F—C—D—08—R—X***



*(X) for standard or assigned for customization.

Frequency Range – MHz	Operating Mode	(CL)-Load Capacitance	ESR Ω (Max)	(C0)-Shunt Capacitance pF (Max)	Drive Level uW (Typ)	Insulation Resistance
12.000000 to 19.999999	Fundamental	8.0 pF to Series	80	3.0	50.0	500 MΩ Minimum at 100 Vdc
20.000000 to 25.999999			70			
26.000000 to 67.500000			50			
Parameter	Conditions		Min	Typ	Max	Unit
Storage Temperature			-55		+125	°C
Aging	Per Year (±5.0 ppm First Year)		-3.0		+3.0	ppm

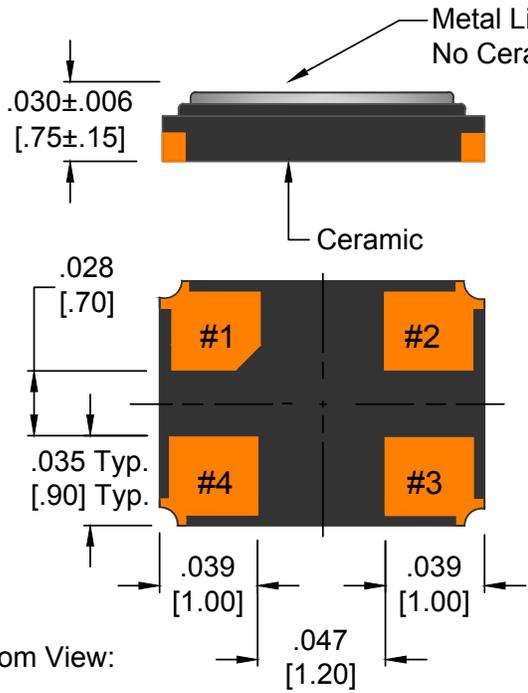
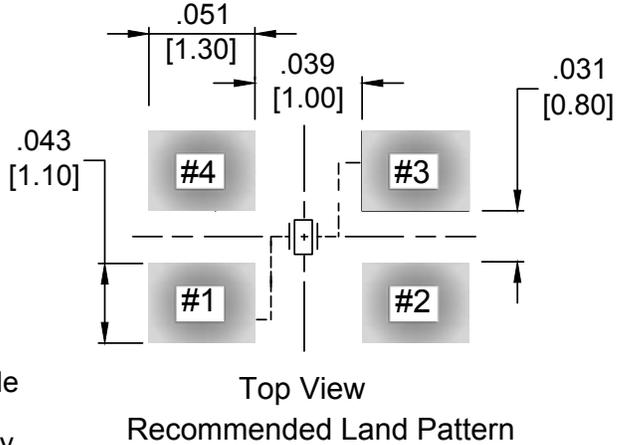
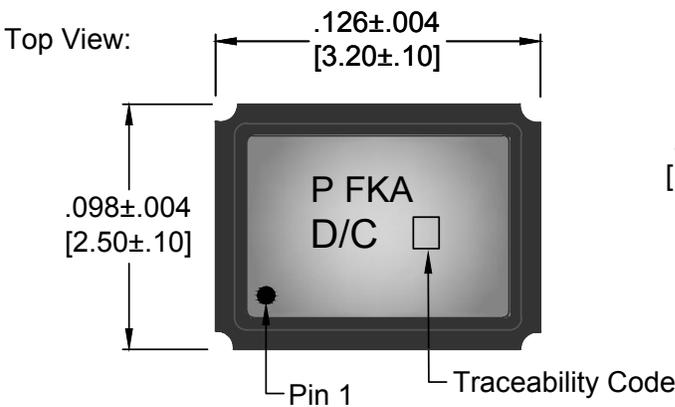


NOTES:
 Terminals are Au.
 Other options are available, please consult factory.
 All product is supplied *RoHS* and *REACH* compliant.
 Product can be supplied on Tape and Reel, on reels of 1,000 units.
 Not all Frequency/Temperature combinations are available.
 Specifications subject to change without notice, last updated 4/1/13.

C3-Series 3.20 x 2.50 x 0.75 (mm)

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PIN	CONNECTION
1	Crystal
2	Ground/Cover
3	Crystal
4	Ground/Cover



C3-Series 3.20 x 2.50 x 0.75 (mm)

1. Material: Black Conductive Polystyrene or equivalent.
2. 10 Sprocket Hole pitch cumulative tolerance of $\pm .008$
3. Camber in compliance with EIA 481
4. Empty pockets: Trailing end (Minimum) 200 mm. and Leading end (Minimum) 400 mm.
5. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.

