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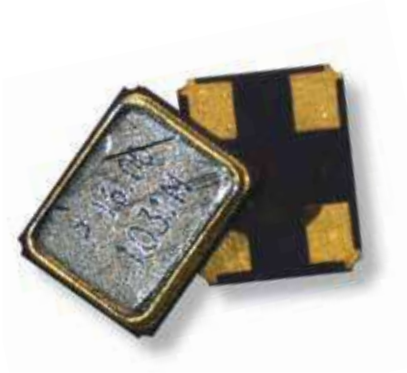
C6-Series Specifications

PRECISION DEVICES INC



6.00L x 3.50W x 1.20H (mm)

PDI *C6-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) **C6—25000X—F—C—D—08—R—X***

FREQUENCY
09000X – 99999X = 9.000MHz – 99.999MHz
C10000 – C15000 = 100.000MHz – 150.000MHz

MODE
F = Fundamental
3 = 3rd Overtone

TOTAL TOLERANCE
B = +/-25 (Temp A & B)
C = +/-50
D = +/-100
S = Special

OPERATING TEMPERATURE
A = 0 to +70˚C
B = -20 to +70˚C
D = -40 to +85˚C
E = -55 to +125˚C
S = Special

LOAD
08-99 = pF
SE = Series

PACKAGE
R = Tape & Reel

*(X) for standard or assigned for custimization.

Frequency Range – MHz	Operating Mode	(CL)-Load Capacitance	ESR Ω (Max)	(C0)-Shunt Capacitance pF (Max)	Drive Level uW (Typ)	Insulation Resistance
9.000000 to 10.999999	Fundamental	8.0 pF to Series	100	7.0	100.0	500 MΩ Minimum at 100 Vdc
11.000000 to 11.999999			80			
12.000000 to 15.999999			60			
16.000000 to 80.000000			40			
40.000000 to 150.000000	3rd Overtone		100			

Parameter	Conditions	Min	Typ	Max	Unit
Storage Temperature		-55		+125	°C
Aging	Per Year (±3.0 ppm Option)	-5.0		+5.0	ppm

GREEN PRODUCT RoHS Compliant EU 2002/95/EC Precision Devices, Inc.

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.

Для заказа отправьте заявку на почту: mail@kvarci.ru

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C6-Series 6.00 x 3.50 x 1.20 (mm)

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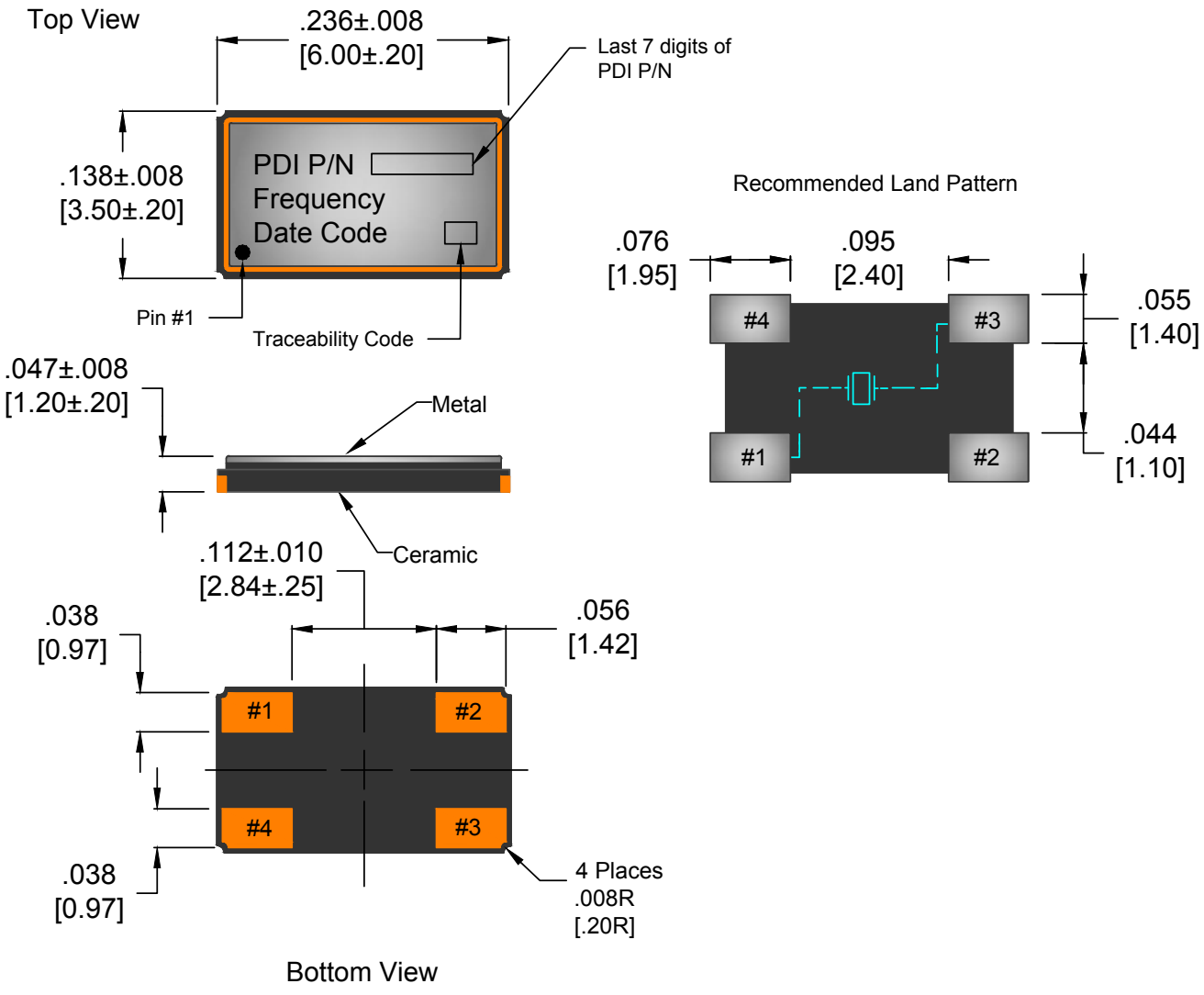
PIN	CONNECTION
1	Crystal
2	Ground/Cover
3	Crystal
4	Ground/Cover



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C6-Series 6.00 x 3.50 x 1.20 (mm)

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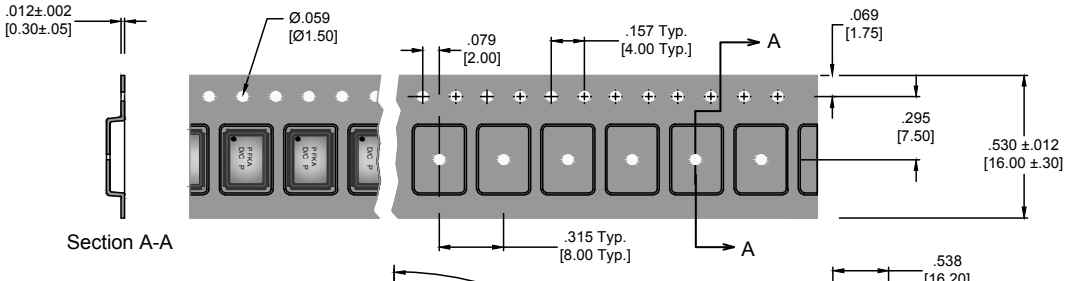
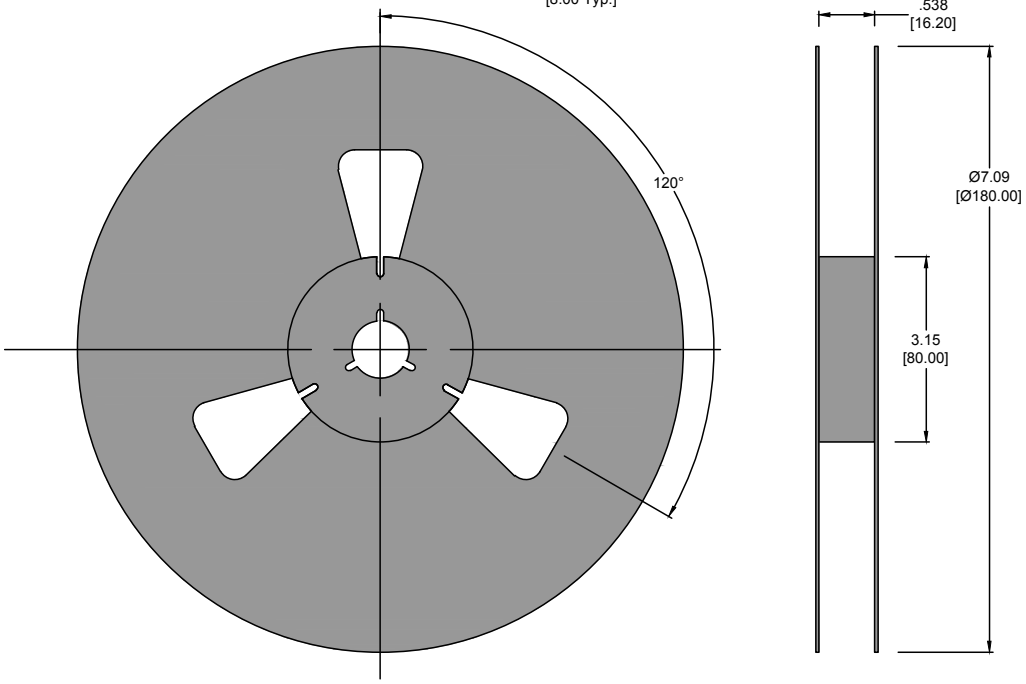
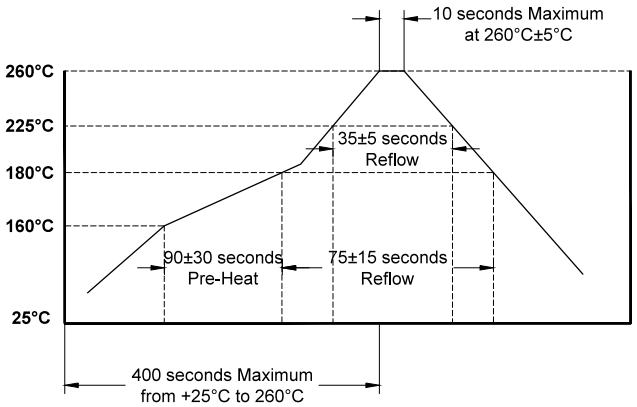
1. Material: Black Conductive Polystyrene or equivalent.
2. 10 Sprocket Hole pitch cumulative tolerance of ±.008
3. Camber in compliance with EIA 481
4. Empty pockets: Trailing end (Minimum) 200 mm. and Leading end (Minimum) 400 mm.
5. Pocket position relative to sprocket hole measured as true position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







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