

# PDI Crystal Part Numbering System

**XX** **YYYYYY** **Z** **A** **B** **CC** **SQ**

**XX**-Package Type

**YYYYYY**- 5 digits for frequency and 1 check digit will denote place holder move (ie 100MHz and above will get C before the frequency anything below 100MHz will get X after the frequency).

**Z**- Mode

F= Fundamental  
3=3<sup>rd</sup> Overtone  
5=5<sup>th</sup> Overtone  
7=7<sup>th</sup> Overtone

**A**- Tolerance

A: ± 10ppm    L: ±1ppm  
B: ± 25ppm    M: ±2ppm  
C: ± 50ppm    N: ±2.5ppm  
D: ± 100ppm    S: ±Special

**B**- Operating Temperature Range

A: 0 to 70°C    B: -20 to 70°C    C: -30 to 85°C  
D: -40 to 85°C    E: -55 to +125°C    L: 0°C to 50°C  
M: -30°C to 60°C    N: -30°C to 75°C    S: Special

**CC**-Load Capacitance (applicable numerical value), series (SE), or Pico Fared (pF)

**Q**- Check Digit

**S**- Established suffix list, see below A-S

A- Third Lead Top	G- Surface Mount Gull Wing
B- Surface Mount	H- Insulator
C- Cut	I- not used
D- Insulation Sleeve	J- Cut with Insulator
E- Third Lead Side	R- Tape & Reel
F- Top Lead & Insulation Sleeve	S- Z Special Circumstances

NOTE: All Default Values are X

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CREATED BY: *Lucas Miller*

APPROVED BY: *Chris Harden*