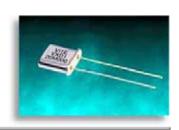


VXD1 UM-1



Package Options

D1 = UM-1

Frequency Range Standard

7.0 MHz to 200.0 MHz

Standard Frequencies

See Standard Frequency Table

Mode

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1 = Fundamental (7 to 50 MHz) **3**= 3rd Overtone (30 to 120 MHz) **5** = 5th Overtone (80 to 200 MHz)

Stability Options

A = ± 100 PPM -20°C to +70°C **B** = ± 50 PPM -20°C to +70°C **C** = ± 100 PPM -40°C to +85°C **D** = ± 50 PPM -40°C to +85°C **E** = ± 25 PPM -20°C to +70°C

 $G = \pm 10 \text{ PPM} - 20^{\circ}\text{C to} + 70^{\circ}\text{C}$

Load Capacitance

0 = Series Resonant

1=16pF **2**=20pF

3=32pF **4**=18pF **5**=10pF

6=30pF

STD Calibration Tolerance

±25 PPM at +25°C

Tolerances to ±10 PPM are available

Equivalent Series Resistance

7 to 16 MHz 80Maximum 16 to 120 MHz 40Maximum 120 to 200

MHz 100Maximum

Shunt Capacitance
Drive Level Crystal

7 pF Maximum10 to 2,000 uW

Drive Level Crystal Aging Standard

<5 ppm/1 st year

Packaging Typical

Bagged

P/N

VXD1-3B0-80M000

D1 = UM-1 package $3 = 3^{rd}$ Overtone

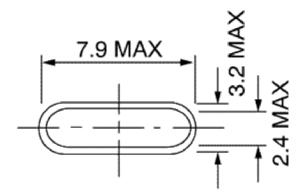
 $B = \pm 50 \text{ PPM } -20^{\circ}\text{C to } +70^{\circ}\text{C}$

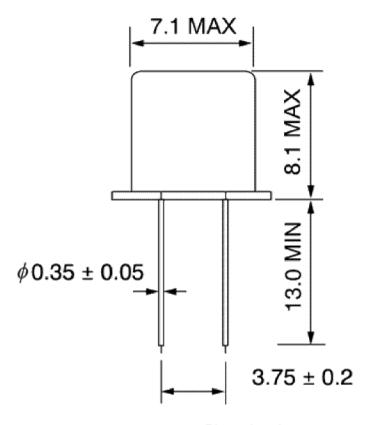
ECTRON

0 = Series Resonant

Generate your own part number!

We welcome your custom requests and will issue a custom part number for items that are not listed.





Dimensions in mm.