Specification for monolithic crystal filter:  

**MQF 76.8-0800/06**

1. General
   1.1. Package:

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+---+---+---+---+---+---+
   1
+---+---+---+---+---+---+
|   |   |   |   |   | 2 |
+---+---+---+---+---+---+
   5
+---+---+---+---+---+---+
|   |   |   |   |   | 6 |
+---+---+---+---+---+---+
   4
+---+---+---+---+---+---+
|   |   |   |   |   | 3 |
+---+---+---+---+---+---+
   3
+---+---+---+---+---+---+
|   |   |   |   |   | 2 |
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   5
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   3
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   4
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|   |   |   |   |   | 3 |
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   3
```

2. Electric values
   2.1. Nominal centre frequency $f_o$:  
       76.8 MHz
   2.2. Pass band
       2.2.1. Bandwidth between 3 dB - frequencies:  
               $> f_o \pm 4.0$ kHz
       2.2.2. Ripple in pass band ( $f_o \pm 2.4$ kHz ):  
               $< 1.0$ dB ( peak to peak )
       2.2.3. Insertion loss:
               $< 3.0$ dB
               ( measured on smallest attenuation in pass band )
2.3. **Stop band**

2.3.1. \( f_0 \pm 60 \text{ kHz} \) > 35 dB
2.3.2. \( f_0 - 200 \text{ kHz} \) > 50 dB
2.3.3. \( f_0 - 910 \ldots f_0 - 5000 \text{ kHz} \) > 50 dB
2.3.4. Guaranteed attenuation: > 50 dB (except spurious)

2.4. Terminating impedance (input and output): 1500 \( \Omega \) // -0.3 pF

2.5. Maximum input power (working / non-damaged): 0 dBm / +10 dBm

3. **Environment conditions:**

   Corresponding to Vectron standard CF001

4. **Marking:**

   ![Marking](M768A2)

   date code

5. **Reflow soldering conditions:**

   ![Reflow Soldering Diagram]

   Reflow soldering: three times max.

6. **Taping:** tape & reel with 1000 pcs. / reel maximum, reel diameter 180 mm

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Edited by: _______________________________  name: _________________________________

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